11/4/87 A5100-1

STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

STATISTICS FOR THE MONTH OF SEPTEMBER 1987

A summary of shipments statistics compiled by GAMA from reports by its members and releases from AHAM. Unless otherwise noted, figures represent total industry factory unit shipments.

Page	
	RESIDENTIAL RANGES
2	Gas Ranges
4	Electric Ranges
	WATER HEATERS
6	Residential
7	Commercial
	RESIDENTIAL HEATING EQUIPMENT
8	Central Furnaces
9	Boilers
10	Wall Furnaces
11	Room Heaters
12	Floor Furnaces
	EQUIPMENT FOR RECREATIONAL VEHICLES
5	Gas Ranges
12	Gas Heating Equipment
13	**GAS UNIT HEATERS and DUCT FURNACES**
14	**CLOTHES DRYERS**
14	**GAS GRILLS**

Issued: October 30, 1987

RESIDENTIAL GAS RANGES

	FREE-STANDING & SLIDE-IN			OVER/UNDER		
MONTH	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**
January	163,910	126,100	+30.0	6,970	6,190	+12.6
February	143,810	132,600	+8.5	6,910	5,720	+20.8
March	165,040	146,070	+13.0	7,200	7,210	-0.1
3 Months	472,760	404,770	+16.8	21,080	19,120	+10.3
April	140,130	128,100	+9.4	7,010	6,530	+7.4
May	139,040	134,700	+3.2	5,900	6,540	-9.8
June	165,400	160,570	+3.0	7,650	8,370	-8.6
6 Months	917,330	828,140	+10.8	41,640	40,560	+2.7
July	142,920	114,310	+25.0	6,920	5,670	+22.0
August	142,880	140,100	+2.0	6,750	7,160	-5.7
September	182,100	171,260	+6.3	8,490	7,880	+7.7
9 Months	1,385,230	1,253,810	+10.5	63,800	61,270	+4.1
October		162,750			9,630	
November		155,400			7,480	
December		167,320			8,530	
YEAR-END		1,739,280			86,910	

The above figures exclude gas ranges used in travel trailers and recreational vehicles.

(Continued on Page 3)

RESIDENTIAL GAS RANGES

	DROP-IN			BUILT-IN			GRAND TOTAL		
MONTH	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**
January	2,020	2,100	-3.8	7,440	7,320	+1.6	180,340	141,710	+27.3
February	1,730	2,400	-27.9	7,730	6,570	+17.7	160,180	147,290	+8.8
March	2,300	2,350	-2.1	8,950	8,160	+9.7	183,490	163,790	+12.0
3 Months	6,050	6,850	-11.7	24,120	22,050	+9.4	524,010	452,790	+15.7
April	2,150	2,300	-6.5	7,660	7,070	+8.3	156,950	144,000	+9.0
May	2,040	2,690	-24.2	7,200	6,340	+13.6	154,180	150,270	+2.6
June	2,130	2,230	-4.5	8,040	7,250	+10.9	183,220	178,420	+2.7
6 Months	12,370	14,070	-12.1	47,020	42,710	+10.1	1,018,360	925,480	+10.0
July	1,790	1,770	+1.1	6,500	5,750	+13.0	158,130	127,500	+24.0
August	1,470	2,410	-39.0	6,360	6,090	+4.4	157,460	155,760	+1.1
September	1,900	2,660	-28.6	9,560	7,350	+30.1	202,050	189,150	+6.8
9 Months	17,530	20,910	-16.2	69,440	61,900	+12.2	1,536,000	1,397,890	+9.9
October		2,040			7,820			182,240	
November		2,410			7,690			172,980	
December		2,730			8,240			186,820	
YEAR-END		28,090			85,650			1,939,930	

The above figures exclude gas ranges used in travel trailers and recreational vehicles.

ELECTRIC RANGES (a)

MONTH	FREE-STANDING (b) 1987	FREE-STANDING (b) 1986	FREE-STANDING (b) %Chg.	BUILT-IN (c) (Oven-Broiler Units) 1987	BUILT-IN (c) (Oven-Broiler Units) 1986	BUILT-IN (c) (Oven-Broiler Units) %Chg.	GRAND TOTAL 1987	GRAND TOTAL 1986	GRAND TOTAL %Chg.
January	227,600	219,200	+3.8	54,700	46,300	+18.1	282,300	265,500	+6.3
February	195,900	208,600	-6.1	51,600	44,900	+14.9	247,500	253,500	-2.4
March	224,800	192,600	+16.7	54,300	47,400	+14.6	279,100	240,000	+16.3
3 Months	648,300	620,400	+4.5	160,600	138,600	+15.9	808,900	759,000	+6.6
April	228,400	218,200	+4.7	52,800	47,400	+11.4	281,200	265,600	+5.9
May	206,700	213,100	-3.0	49,400	44,300	+11.5	256,100	257,400	-0.5
June	229,100	247,200	-7.3	60,000	53,700	+11.7	289,100	300,900	-3.9
6 Months	1,312,500	1,298,900	+1.0	322,800	284,000	+13.7	1,635,300	1,582,900	+3.3
July	233,000	231,400	+0.7	52,900	51,500	+2.7	285,900	282,900	+1.1
August	232,500	224,400	+3.6	57,200	46,500	+23.0	289,700	270,900	+6.9
September	233,500	245,200	-4.8	55,300	49,200	+12.4	288,800	294,400	-1.9
9 Months	2,011,500	1,999,900	+0.6	488,200	431,200	+13.2	2,499,700	2,431,100	+2.8
October		260,300			58,300			318,600	
November		226,700			51,200			277,900	
December		227,400			55,600			283,000	
YEAR-END		2,714,300			596,300			3,310,600	

(a) Source AHAM
(b) Includes High Oven Ranges
(c) Includes Drop-In Ranges

LP-GAS RANGES FOR RECREATIONAL VEHICLES *

	RANGES (with ovens)			SURFACE UNITS (without ovens)		
MONTH	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**
January	13,862	9,843	+40.8	4,895	4,854	+0.8
February	14,317	13,733	+4.3	6,481	6,514	-0.5
March	19,232	18,008	+6.8	9,128	8,067	+13.2
3 Months	47,411	41,584	+14.0	20,504	19,435	+5.5
April	15,126	14,939	+1.3	6,426	6,873	-6.5
May	14,943	16,238	-8.0	7,041	6,490	+8.5
June	15,752	13,896	+13.4	6,931	6,023	+15.1
6 Months	93,232	86,657	+7.6	40,902	38,821	+5.4
July	11,787	12,117	-2.7	5,486	4,657	+17.8
August	12,443	10,038	+24.0	4,872	6,126	-20.5
September	14,862	13,370	+11.2	7,096	5,301	+33.9
9 Months	132,324	122,182	+8.3	58,356	54,905	+6.3
October		12,158			5,433	
November		10,276			5,207	
December		10,814			5,474	
YEAR-END		155,430			71,019	

* Does not represent total industry shipments.

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS *

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**
January	345,808	337,115	+2.6	286,966	302,443	-5.1	632,774	639,558	-1.1
February	340,019	322,806	+5.3	278,289	274,461	+1.4	618,308	597,267	+3.5
March	351,914	342,891	+2.6	301,311	306,447	-1.7	653,225	649,338	+0.6
3 Months	1,037,741	1,002,812	+3.5	866,566	883,351	-1.9	1,904,307	1,886,163	+1.0
April	353,152	343,766	+2.7	311,318	327,339	-4.9	664,470	671,105	-1.0
May	290,477	269,580	+7.8	263,610	252,905	+4.2	554,087	522,485	+6.0
June	330,285	295,243	+11.9	299,894	275,645	+8.8	630,179	570,888	+10.4
6 Months	2,011,655	1,911,401	+5.2	1,741,388	1,739,240	+0.1	3,753,043	3,650,641	+2.8
July	297,199	291,476	+2.0	276,164	277,370	-0.4	573,363	568,846	+0.8
August	289,836	272,769	+6.3	270,759	260,352	+4.0	560,595	533,121	+5.2
September	311,719	290,442	+7.3	269,658	275,482	-2.1	581,377	565,924	+2.7
9 Months	2,910,409	2,766,088	+5.2	2,557,969	2,552,444	+0.2	5,468,378	5,318,532	+2.8
October		346,392			304,836			651,228	
November		293,919			253,895			547,814	
December		322,380			277,975			600,355	
YEAR-END		3,728,779			3,389,150			7,117,929	

* Does not represent total industry shipments.
Figures include shipments to mobile home manufacturers.

COMMERCIAL WATER HEATERS *

MONTH	GAS COMMERCIAL WATER HEATERS (a) 1987	1986	%Chg.	ELECTRIC COMMERCIAL WATER HEATERS (a) 1987	1986	%Chg.
January	18,981	19,026	-0.2	1,446	1,569	-7.8
February	18,569	17,288	+7.4	1,535	1,522	+0.9
March	17,798	15,659	+13.7	1,568	1,542	+1.7
3 Months	55,348	51,973	+6.5	4,549	4,633	-1.8
April	18,668	17,556	+6.3	1,685	1,659	+1.6
May	19,102	17,835	+7.1	1,550	1,662	-6.7
June	21,199	17,693	+19.8	1,561	1,462	+6.8
6 Months	114,317	105,057	+8.8	9,345	9,416	-0.8
July	15,773	15,629	+0.9	1,416	1,431	-1.0
August	13,019	15,262	-14.7	1,505	1,594	-5.6
September	13,728	13,144	+4.4	1,536	1,277	+20.3
9 Months	156,837	149,092	+5.2	13,802	13,718	+0.6
October		16,303			1,580	
November		16,539			1,331	
December		16,370			1,545	
YEAR-END		198,304			18,174	

* Does not represent total industry shipments.

(a) Includes integral tank type and copper tube or coil type commercial gas water heaters and gas swimming pool heaters.

CENTRAL HEATING FURNACES

MONTH	GAS WARM AIR FURNACES 1987	GAS WARM AIR FURNACES 1986	GAS WARM AIR FURNACES %Chg.	OIL WARM AIR FURNACES 1987	OIL WARM AIR FURNACES 1986	OIL WARM AIR FURNACES %Chg.	ELECTRIC WARM AIR FURNACES 1987	ELECTRIC WARM AIR FURNACES 1986	ELECTRIC WARM AIR FURNACES %Chg.
January	168,355	154,800	+8.8	16,195	13,775	+17.6	31,385	33,710	-6.9
February	152,735	150,390	+1.6	13,510	11,370	+18.8	30,740	32,020	-4.0
March	148,845	159,825	-6.9	11,845	9,670	+22.5	39,010	33,105	+17.8
3 Months	469,935	465,015	+1.1	41,550	34,815	+19.3	101,135	98,835	+2.3
April	137,595	139,820	-1.6	10,870	9,170	+18.5	37,115	31,245	+18.8
May	118,350	150,955	-21.6	8,635	9,055	-4.6	33,435	33,450	0.0
June	139,820	149,105	-6.2	10,540	11,315	-6.8	31,965	35,425	-9.8
6 Months	865,700	904,895	-4.3	71,595	64,355	+11.3	203,650	198,955	+2.4
July	156,660	147,315	+6.3	12,380	10,245	+20.8	30,100	33,045	-8.9
August	203,020	198,855	+2.1	22,840	21,615	+5.7	33,070	28,505	+16.0
September	234,015	217,475	+7.6	31,830	30,040	+6.0	31,610	35,410	-10.7
9 Months	1,459,395	1,468,540	-0.6	138,645	126,255	+9.8	298,430	295,915	+0.8
October		251,730			32,045			32,155	
November		202,080			20,845			27,530	
December		182,455			21,395			26,990	
YEAR-END		2,104,805			200,540			382,590	

GAS & OIL BOILERS

MONTH	GAS BOILERS 1987	GAS BOILERS 1986	GAS BOILERS %Chg.	OIL BOILERS 1987	OIL BOILERS 1986	OIL BOILERS %Chg.
January	12,578	13,503	-6.9	9,227	8,531	+8.2
February	12,323	12,024	+2.5	8,337	6,972	+19.6
March	11,707	9,006	+30.0	9,306	7,641	+21.8
3 Months	36,608	34,533	+6.0	26,870	23,144	+16.1
April	8,348	8,904	-6.2	7,002	6,511	+7.5
May	9,733	8,523	+14.2	7,897	5,622	+40.5
June	14,380	13,463	+6.8	10,778	9,482	+13.7
6 Months	69,069	65,423	+5.6	52,547	44,759	+17.4
July	12,185	12,686	-3.9	9,312	8,439	+10.3
August	17,942	20,542	-12.7	12,530	13,589	-7.8
September	21,968	26,092	-15.8	15,535	15,346	+1.2
9 Months	121,164	124,743	-2.9	89,924	82,133	+9.5
October		28,918			17,572	
November		22,792			13,756	
December		19,569			12,145	
YEAR-END		196,022			125,606	

GAS RESIDENTIAL WALL FURNACES

	VENTED WALL FURNACES			DIRECT VENT SYSTEM WALL FURNACES (a)			TOTAL WALL FURNACES		
MONTH	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**
January	8,200	7,820	+4.9	5,040	4,980	+1.2	13,240	12,800	+3.4
February	7,750	10,050	-22.9	2,960	6,030	-50.9	10,710	16,080	-33.4
March	7,320	9,030	-18.9	5,430	4,010	+35.4	12,750	13,040	-2.2
3 Months	23,270	26,900	-13.5	13,430	15,020	-10.6	36,700	41,920	-12.5
April	4,790	9,330	-48.7	3,090	3,650	-15.3	7,880	12,980	-39.3
May	5,910	6,530	-9.5	3,120	4,880	-36.1	9,030	11,410	-20.9
June	6,890	8,660	-20.4	5,130	2,970	+72.7	12,020	11,630	+3.4
6 Months	40,860	51,420	-20.5	24,770	26,520	-6.6	65,630	77,940	-15.8
July	5,560	7,710	-27.9	3,260	4,040	-19.3	8,820	11,750	-24.9
August	8,410	10,830	-22.3	4,060	6,110	-33.6	12,470	16,940	-26.4
September	10,320	16,740	-38.4	6,280	8,520	-26.3	16,600	25,260	-34.3
9 Months	65,150	86,700	-24.9	38,370	45,190	-15.1	103,520	131,890	-21.5
October		16,840			9,670			26,510	
November		12,260			7,970			20,230	
December		12,120			6,180			18,300	
YEAR-END		127,920			69,010			196,930	

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.

VENTED & UNVENTED ROOM HEATERS *

	VENTED ROOM HEATERS			UNVENTED ROOM HEATERS		
MONTH	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**
January	5,964	4,487	+32.9	5,355	10,625	-49.6
February	3,216	3,346	-3.9	8,843	28,802	-69.3
March	5,192	4,897	+6.0	4,845	11,835	-59.1
3 Months	14,372	12,730	+12.9	19,043	51,262	-62.9
April	3,938	3,746	+5.1	5,070	4,978	+1.8
May	5,011	3,607	+38.9	15,643	7,353	---
June	7,180	7,178	---	10,867	9,635	+12.8
6 Months	30,501	27,261	+11.9	50,623	73,228	-30.9
July	6,778	5,844	+16.0	22,498	22,353	+0.6
August	10,124	9,172	+10.4	17,888	16,912	+5.8
September	10,854	14,765	-26.5	19,156	16,403	+16.8
9 Months	58,257	57,042	+2.1	110,165	128,896	-14.5
October		14,296			24,578	
November		11,653			19,869	
December		9,484			15,593	
YEAR-END		92,475			188,936	

* Does not represent total industry shipments.

OTHER HEATING EQUIPMENT *

MONTH	GAS RECREATIONAL VEHICLE HEATING SYSTEMS (a) 1987	1986	%Chg.	GAS FLOOR FURNACES 1987	1986	%Chg.
January	19,463	19,541	-0.4	1,046	2,284	-54.2
February	19,121	19,099	+0.1	1,226	1,007	+21.7
March	23,991	21,355	+12.3	1,594	1,419	+12.3
3 Months	62,575	59,995	+4.3	3,866	4,710	-17.9
April	22,769	20,006	+13.8	1,283	**	---
May	21,594	17,741	+21.7	1,716	1,098	+56.3
June	18,863	17,579	+7.3	1,122	1,372	-18.2
6 Months	125,801	115,321	+9.1	7,987	N/A	---
July	18,540	15,057	+23.1	1,092	1,502	-27.3
August	18,723	14,058	+33.2	1,271	1,686	-24.6
September	19,415	15,761	+23.2	2,424	2,667	-9.1
9 Months	182,479	160,197	+13.9	12,774	N/A	---
October		17,773			3,107	
November		14,685			2,195	
December		15,388			**	
YEAR-END		208,043			21,874	

* Does not represent total industry shipments.
(a) Includes Direct Vent Wall & Direct Vent Central Furnaces.
** Not reported to avoid possible disclosure.

GAS UNIT HEATERS AND DUCT FURNACES

MONTH	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
	1987	1986*	%Chg.	1987	1986*	%Chg.	1987	1986*	%Chg.
January	10,199	13,146	-22.4	885	875	+1.1	1,589	1,817	-12.5
February	11,177	11,398	-1.9	793	1,150	-31.0	1,758	1,954	-10.0
March	10,998	11,305	-2.7	1,027	1,168	-12.1	1,602	1,705	-6.0
3 Months	32,374	35,849	-9.7	2,705	3,193	-15.3	4,949	5,476	-9.6
April	8,768	10,532	-16.7	630	554	+13.7	1,146	1,271	-9.8
May	10,370	9,460	+9.6	611	442	+38.2	1,005	1,086	-7.5
June	12,715	10,134	+25.5	831	788	+5.5	1,364	1,714	-20.4
6 Months	64,227	65,975	-2.6	4,777	4,977	-4.0	8,464	9,547	-11.3
July	8,447	9,042	-6.6	473	520	-9.0	1,034	727	+42.2
August	14,002	13,286	+5.4	872	960	-9.2	1,355	1,384	-2.1
September	18,836	18,593	+1.3	1,317	1,253	+5.1	1,792	2,065	-13.2
9 Months	105,512	106,896	-1.3	7,439	7,710	-3.5	12,645	13,723	-7.9
October		15,324			1,348			2,052	
November		16,574			1,102			2,104	
December		14,737			1,172			2,229	
YEAR-END		153,531			11,332			20,108	

*Revised

GAS AND ELECTRIC CLOTHES DRYERS

	GAS CLOTHES DRYERS			ELECTRIC CLOTHES DRYERS		
MONTH	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**
January	93,200	83,000	+12.3	341,700	293,400	+16.5
February	80,400	67,600	+18.9	285,300	240,900	+18.4
March	90,700	69,100	+31.3	299,300	244,900	+22.2
3 Months	264,300	219,700	+20.3	926,300	779,200	+18.9
April	73,500	68,100	+7.9	264,200	257,300	+2.7
May	68,800	65,200	+5.5	254,300	243,600	+4.4
June	95,300	68,800	+38.5	330,800	254,800	+29.8
6 Months	501,900	421,800	+19.0	1,775,600	1,534,900	+15.7
July	81,800	77,300	+5.8	281,100	280,900	+0.1
August	87,000	79,200	+9.8	294,400	276,800	+6.4
September	104,000	89,200	+16.6	346,400	318,700	+8.7
9 Months	774,700	667,500	+16.1	2,697,500	2,411,300	+11.9
October		107,000			352,700	
November		81,600			268,000	
December		79,800			276,700	
YEAR-END		935,900			3,308,700	

(a) Source: AHAM. Excludes combination washer-dryers.

GAS GRILLS: 2,710,300 were shipped during fiscal year ending August 1986. 2,788,300 in 1985.

12/14/87 A5100-1

STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

STATISTICS FOR THE MONTH OF OCTOBER 1987

A summary of shipments statistics compiled by GAMA from reports by its members and releases from AHAM. Unless otherwise noted, figures represent total industry factory unit shipments.

Page	
	RESIDENTIAL RANGES
2	Gas Ranges
4	Electric Ranges
	WATER HEATERS
6	Residential
7	Commercial
	RESIDENTIAL HEATING EQUIPMENT
8	Central Furnaces
9	Boilers
10	Wall Furnaces
11	Room Heaters
12	Floor Furnaces
	EQUIPMENT FOR RECREATIONAL VEHICLES
5	Gas Ranges
12	Gas Heating Equipment
13	**GAS UNIT HEATERS and DUCT FURNACES**
14	**CLOTHES DRYERS**

Issued: December 4, 1987

RESIDENTIAL GAS RANGES

	FREE-STANDING & SLIDE-IN			OVER/UNDER		
MONTH	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**
January	163,910	126,100	+30.0	6,970	6,190	+12.6
February	143,810	132,600	+8.5	6,910	5,720	+20.8
March	165,040	146,070	+13.0	7,200	7,210	-0.1
3 Months	472,760	404,770	+16.8	21,080	19,120	+10.3
April	140,130	128,100	+9.4	7,010	6,530	+7.4
May	139,040	134,700	+3.2	5,900	6,540	-9.8
June	165,400	160,570	+3.0	7,650	8,370	-8.6
6 Months	917,330	828,140	+10.8	41,640	40,560	+2.7
July	148,090 r	114,310	+29.6	6,670 r	5,670	+17.6
August	148,870 r	140,100	+6.3	7,160 r	7,160	0.0
September	180,160 r	171,260	+5.2	8,890 r	7,880	+12.8
9 Months	1,394,450 r	1,253,810	+11.2	64,360 r	61,270	+5.0
October	189,700	162,750	+16.6	8,850	9,630	-8.1
November		155,400			7,480	
December		167,320			8,530	
YEAR-END		1,739,280			86,910	

The above figures exclude gas ranges used in travel trailers and recreational vehicles.

(r) = Revised

(Continued on Page 3)

RESIDENTIAL GAS RANGES

	DROP-IN			BUILT-IN			GRAND TOTAL		
MONTH	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**
January	2,020	2,100	-3.8	7,440	7,320	+1.6	180,340	141,710	+27.3
February	1,730	2,400	-27.9	7,730	6,570	+17.7	160,180	147,290	+8.8
March	2,300	2,350	-2.1	8,950	8,160	+9.7	183,490	163,790	+12.0
3 Months	6,050	6,850	-11.7	24,120	22,050	+9.4	524,010	452,790	+15.7
April	2,150	2,300	-6.5	7,660	7,070	+8.3	156,950	144,000	+9.0
May	2,040	2,690	-24.2	7,200	6,340	+13.6	154,180	150,270	+2.6
June	2,130	2,230	-4.5	8,040	7,250	+10.9	183,220	178,420	+2.7
6 Months	12,370	14,070	-12.1	47,020	42,710	+10.1	1,018,360	925,480	+10.0
July	1,790	1,770	+1.1	7,030r	5,750	+22.3	163,580r	127,500	+28.3
August	1,470	2,410	-39.0	7,010r	6,090	+15.1	164,510r	155,760	+5.6
September	1,900 r	2,660	-28.6	9,560r	7,350	+30.1	200,510r	189,150	+6.0
9 Months	17,530 r	20,910	-16.2	70,620r	61,900	+14.1	1,546,960r	1,397,890	+10.7
October	2,800	2,040	+37.3	9,160	7,820	+17.1	210,510	182,240	+15.5
November		2,410			7,690			172,980	
December		2,730			8,240			186,820	
YEAR-END		28,090			85,650			1,939,930	

The above figures exclude gas ranges used in travel trailers and recreational vehicles.

(r) = Revised

ELECTRIC RANGES (a)

MONTH	FREE-STANDING (b) 1987	FREE-STANDING (b) 1986	FREE-STANDING (b) %Chg.	BUILT-IN (c) (Oven-Broiler Units) 1987	BUILT-IN (c) (Oven-Broiler Units) 1986	BUILT-IN (c) (Oven-Broiler Units) %Chg.	GRAND TOTAL 1987	GRAND TOTAL 1986	GRAND TOTAL %Chg.
January	227,600	219,200	+3.8	54,700	46,300	+18.1	282,300	265,500	+6.3
February	195,900	208,600	-6.1	51,600	44,900	+14.9	247,500	253,500	-2.4
March	224,800	192,600	+16.7	54,300	47,400	+14.6	279,100	240,000	+16.3
3 Months	648,300	620,400	+4.5	160,600	138,600	+15.9	808,900	759,000	+6.6
April	228,400	218,200	+4.7	52,800	47,400	+11.4	281,200	265,600	+5.9
May	206,700	213,100	-3.0	49,400	44,300	+11.5	256,100	257,400	-0.5
June	229,100	247,200	-7.3	60,000	53,700	+11.7	289,100	300,900	-3.9
6 Months	1,312,500	1,298,900	+1.0	322,800	284,000	+13.7	1,635,300	1,582,900	+3.3
July	233,000	231,400	+0.7	52,900	51,500	+2.7	285,900	282,900	+1.1
August	232,500	224,400	+3.6	57,200	46,500	+23.0	289,700	270,900	+6.9
September	233,500	245,200	-4.8	55,300	49,200	+12.4	288,800	294,400	-1.9
9 Months	2,011,500	1,999,900	+0.6	488,200	431,200	+13.2	2,499,700	2,431,100	+2.8
October	248,300	263,200r	-5.7	59,100	58,300	+1.4	307,400	321,500r	-4.4
November		226,700			51,200			277,900	
December		227,400			55,600			283,000	
YEAR-END		2,717,200			596,300			3,313,500	

(a) Source: AHAM
(b) Includes High Oven Ranges
(c) Includes Drop-In Ranges

(r) = Revised

LP-GAS RANGES FOR RECREATIONAL VEHICLES *

MONTH	RANGES (with ovens) 1987	1986	%Chg.	SURFACE UNITS (without ovens) 1987	1986	%Chg.
January	13,862	9,843	+40.8	4,895	4,854	+0.8
February	14,317	13,733	+4.3	6,481	6,514	-0.5
March	19,232	18,008	+6.8	9,128	8,067	+13.2
3 Months	47,411	41,584	+14.0	20,504	19,435	+5.5
April	15,126	14,939	+1.3	6,426	6,873	-6.5
May	14,943	16,238	-8.0	7,041	6,490	+8.5
June	15,752	13,896	+13.4	6,931	6,023	+15.1
6 Months	93,232	86,657	+7.6	40,902	38,821	+5.4
July	11,787	12,117	-2.7	5,486	4,657	+17.8
August	12,443	10,038	+24.0	4,872	6,126	-20.5
September	14,862	13,370	+11.2	7,096	5,301	+33.9
9 Months	132,324	122,182	+8.3	58,356	54,905	+6.3
October	13,409	12,158	+10.3	6,827	5,433	+25.7
November		10,276			5,207	
December		10,814			5,474	
YEAR-END		155,430			71,019	

* Does not represent total industry shipments.

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS *

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**
January	345,808	337,115	+2.6	286,966	302,443	-5.1	632,774	639,558	-1.1
February	340,019	322,806	+5.3	278,289	274,461	+1.4	618,308	597,267	+3.5
March	351,914	342,891	+2.6	301,311	306,447	-1.7	653,225	649,338	+0.6
3 Months	1,037,741	1,002,812	+3.5	866,566	883,351	-1.9	1,904,307	1,886,163	+1.0
April	353,152	343,766	+2.7	311,318	327,339	-4.9	664,470	671,105	-1.0
May	290,477	269,580	+7.8	263,610	252,905	+4.2	554,087	522,485	+6.0
June	330,285	295,243	+11.9	299,894	275,645	+8.8	630,179	570,888	+10.4
6 Months	2,011,655	1,911,401	+5.2	1,741,388	1,739,240	+0.1	3,753,043	3,650,641	+2.8
July	297,199	291,476	+2.0	276,164	277,370	-0.4	573,363	568,846	+0.8
August	289,836	272,769	+6.3	270,759	260,352	+4.0	560,595	533,121	+5.2
September	311,719	290,442	+7.3	269,658	275,482	-2.1	581,377	565,924	+2.7
9 Months	2,910,409	2,766,088	+5.2	2,557,969	2,552,444	+0.2	5,468,378	5,318,532	+2.8
October	360,606	346,392	+4.1	294,422	304,836	-3.4	655,028	651,228	+0.6
November		293,919			253,895			547,814	
December		322,380			277,975			600,355	
YEAR-END		3,728,779			3,389,150			7,117,929	

* Does not represent total industry shipments.
Figures include shipments to mobile home manufacturers.

COMMERCIAL WATER HEATERS *

MONTH	GAS COMMERCIAL WATER HEATERS (a) 1987	1986	%Chg.	ELECTRIC COMMERCIAL WATER HEATERS (a) 1987	1986	%Chg.
January	18,981	19,026	-0.2	1,446	1,569	-7.8
February	18,569	17,288	+7.4	1,535	1,522	+0.9
March	17,798	15,659	+13.7	1,568	1,542	+1.7
3 Months	55,348	51,973	+6.5	4,549	4,633	-1.8
April	18,668	17,556	+6.3	1,685	1,659	+1.6
May	19,102	17,835	+7.1	1,550	1,662	-6.7
June	21,199	17,693	+19.8	1,561	1,462	+6.8
6 Months	114,317	105,057	+8.8	9,345	9,416	-0.8
July	15,773	15,629	+0.9	1,416	1,431	-1.0
August	13,019	15,262	-14.7	1,505	1,594	-5.6
September	13,728	13,144	+4.4	1,536	1,277	+20.3
9 Months	156,837	149,092	+5.2	13,802	13,718	+0.6
October	11,850	16,303	-27.3	1,568	1,580	-0.8
November		16,539			1,331	
December		16,370			1,545	
YEAR-END		198,304			18,174	

* Does not represent total industry shipments.
(a) Includes integral tank type and copper tube or coil type commercial gas water heaters and gas swimming pool heaters.

CENTRAL HEATING FURNACES

MONTH	GAS WARM AIR FURNACES 1987	GAS WARM AIR FURNACES 1986	GAS WARM AIR FURNACES %Chg.	OIL WARM AIR FURNACES 1987	OIL WARM AIR FURNACES 1986	OIL WARM AIR FURNACES %Chg.	ELECTRIC WARM AIR FURNACES 1987	ELECTRIC WARM AIR FURNACES 1986	ELECTRIC WARM AIR FURNACES %Chg.
January	168,355	154,800	+8.8	16,195	13,775	+17.6	31,385	33,710	-6.9
February	152,735	150,390	+1.6	13,510	11,370	+18.8	30,740	32,020	-4.0
March	148,845	159,825	-6.9	11,845	9,670	+22.5	39,010	33,105	+17.8
3 Months	469,935	465,015	+1.1	41,550	34,815	+19.3	101,135	98,835	+2.3
April	137,595	139,820	-1.6	10,870	9,170	+18.5	37,115	31,245	+18.8
May	118,350	150,955	-21.6	8,635	9,055	-4.6	33,435	33,450	0.0
June	139,820	149,105	-6.2	10,540	11,315	-6.8	31,965	35,425	-9.8
6 Months	865,700	904,895	-4.3	71,595	64,355	+11.3	203,650	198,955	+2.4
July	156,660	147,315	+6.3	12,380	10,245	+20.8	30,100	33,045	-8.9
August	203,020	198,855	+2.1	22,840	21,615	+5.7	33,070	28,505	+16.0
September	234,015	217,475	+7.6	31,830	30,040	+6.0	31,610	35,410	-10.7
9 Months	1,459,395	1,468,540	-0.6	138,645	126,255	+9.8	298,430	295,915	+0.8
October	240,585	251,730	-4.4	25,795	32,045	-19.5	29,100	32,155	-9.5
November		202,080			20,845			27,530	
December		182,455			21,395			26,990	
YEAR-END		2,104,805			200,540			382,590	

GAS & OIL BOILERS

	GAS BOILERS			OIL BOILERS		
MONTH	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**
January	12,578	13,503	-6.9	9,227	8,531	+8.2
February	12,323	12,024	+2.5	8,337	6,972	+19.6
March	11,707	9,006	+30.0	9,306	7,641	+21.8
3 Months	36,608	34,533	+6.0	26,870	23,144	+16.1
April	8,348	8,904	-6.2	7,002	6,511	+7.5
May	9,733	8,523	+14.2	7,897	5,622	+40.5
June	14,380	13,463	+6.8	10,778	9,482	+13.7
6 Months	69,069	65,423	+5.6	52,547	44,759	+17.4
July	12,185	12,686	-3.9	9,312	8,439	+10.3
August	17,942	20,542	-12.7	12,530	13,589	-7.8
September	21,968	26,092	-15.8	15,535	15,346	+1.2
9 Months	121,164	124,743	-2.9	89,924	82,133	+9.5
October	28,402	28,918	-1.8	18,123	17,572	+3.1
November		22,792			13,756	
December		19,569			12,145	
YEAR-END		196,022			125,606	

GAS RESIDENTIAL WALL FURNACES

	VENTED WALL FURNACES			DIRECT VENT SYSTEM WALL FURNACES (a)			TOTAL WALL FURNACES		
MONTH	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**
January	8,200	7,820	+4.9	5,040	4,980	+1.2	13,240	12,800	+3.4
February	7,750	10,050	-22.9	2,960	6,030	-50.9	10,710	16,080	-33.4
March	7,320	9,030	-18.9	5,430	4,010	+35.4	12,750	13,040	-2.2
3 Months	23,270	26,900	-13.5	13,430	15,020	-10.6	36,700	41,920	-12.5
April	4,790	9,330	-48.7	3,090	3,650	-15.3	7,880	12,980	-39.3
May	5,910	6,530	-9.5	3,120	4,880	-36.1	9,030	11,410	-20.9
June	6,890	8,660	-20.4	5,130	2,970	+72.7	12,020	11,630	+3.4
6 Months	40,860	51,420	-20.5	24,770	26,520	-6.6	65,630	77,940	-15.8
July	5,560	7,710	-27.9	3,260	4,040	-19.3	8,820	11,750	-24.9
August	8,410	10,830	-22.3	4,060	6,110	-33.6	12,470	16,940	-26.4
September	10,320	16,740	-38.4	6,280	8,520	-26.3	16,600	25,260	-34.3
9 Months	65,150	86,700	-24.9	38,370	45,190	-15.1	103,520	131,890	-21.5
October	14,040	16,840	-16.6	8,390	9,670	-13.2	22,430	26,510	-15.4
November		12,260			7,970			20,230	
December		12,120			6,180			18,300	
YEAR-END		127,920			69,010			196,930	

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.

VENTED & UNVENTED ROOM HEATERS *

	VENTED ROOM HEATERS			UNVENTED ROOM HEATERS		
MONTH	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**
January	5,964	4,487	+32.9	5,355	10,625	-49.6
February	3,216	3,346	-3.9	8,843	28,802	-69.3
March	5,192	4,897	+6.0	4,845	11,835	-59.1
3 Months	14,372	12,730	+12.9	19,043	51,262	-62.9
April	3,938	3,746	+5.1	5,070	4,978	+1.8
May	5,011	3,607	+38.9	15,643	7,353	---
June	7,180	7,178	0.0	10,867	9,635	+12.8
6 Months	30,501	27,261	+11.9	50,623	73,228	-30.9
July	6,778	5,844	+16.0	22,498	22,353	+0.6
August	10,124	9,172	+10.4	17,888	16,912	+5.8
September	10,854	14,765	-26.5	19,156	16,403	+16.8
9 Months	58,257	57,042	+2.1	110,165	128,896	-14.5
October	16,227	14,296	+13.5	27,423	24,578	+11.6
November		11,653			19,869	
December		9,484			15,593	
YEAR-END		92,475			188,936	

* Does not represent total industry shipments.

OTHER HEATING EQUIPMENT *

MONTH	GAS RECREATIONAL VEHICLE HEATING SYSTEMS (a)			GAS FLOOR FURNACES		
	1987	1986	%Chg.	1987	1986	%Chg.
January	19,463	19,541	-0.4	1,046	2,284	-54.2
February	19,121	19,099	+0.1	1,226	1,007	+21.7
March	23,991	21,355	+12.3	1,594	1,419	+12.3
3 Months	62,575	59,995	+4.3	3,866	4,710	-17.9
April	22,769	20,006	+13.8	1,283	**	---
May	21,594	17,741	+21.7	1,716	1,098	+56.3
June	18,863	17,579	+7.3	1,122	1,372	-18.2
6 Months	125,801	115,321	+9.1	7,987	N/A	---
July	18,540	15,057	+23.1	1,092	1,502	-27.3
August	18,723	14,058	+33.2	1,271	1,686	-24.6
September	19,415	15,761	+23.2	2,424	2,667	-9.1
9 Months	182,479	160,197	+13.9	12,774	N/A	---
October	19,725	17,773	+11.0	3,711	3,107	+19.4
November		14,685			2,195	
December		15,388			**	
YEAR-END	-	208,043			21,874	

* Does not represent total industry shipments.
(a) Includes Direct Vent Wall & Direct Vent Central Furnaces.
** Not reported to avoid possible disclosure.

GAS UNIT HEATERS AND DUCT FURNACES

MONTH	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
	1987	1986*	%Chg.	1987	1986*	%Chg.	1987	1986*	%Chg.
January	10,199	13,146	-22.4	885	875	+1.1	1,589	1,817	-12.5
February	11,177	11,398	-1.9	793	1,150	-31.0	1,758	1,954	-10.0
March	10,998	11,305	-2.7	1,027	1,168	-12.1	1,602	1,705	-6.0
3 Months	32,374	35,849	-9.7	2,705	3,193	-15.3	4,949	5,476	-9.6
April	8,768	10,532	-16.7	630	554	+13.7	1,146	1,271	-9.8
May	10,370	9,460	+9.6	611	442	+38.2	1,005	1,086	-7.5
June	12,715	10,134	+25.5	831	788	+5.5	1,364	1,714	-20.4
6 Months	64,227	65,975	-2.6	4,777	4,977	-4.0	8,464	9,547	-11.3
July	8,447	9,042	-6.6	473	520	-9.0	1,034	727	+42.2
August	14,002	13,286	+5.4	872	960	-9.2	1,355	1,384	-2.1
September	18,836	18,593	+1.3	1,317	1,253	+5.1	1,792	2,065	-13.2
9 Months	105,512	106,896	-1.3	7,439	7,710	-3.5	12,645	13,723	-7.9
October	16,232	15,324	+5.9	1,091	1,348	-19.1	1,742	2,052	-15.1
November		16,574			1,102			2,104	
December		14,737			1,172			2,229	
YEAR-END		153,531			11,332			20,108	

*Revised

GAS AND ELECTRIC CLOTHES DRYERS

	GAS CLOTHES DRYERS			ELECTRIC CLOTHES DRYERS		
MONTH	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**
January	93,200	83,000	+12.3	341,700	293,400	+16.5
February	80,400	67,600	+18.9	285,300	240,900	+18.4
March	90,700	69,100	+31.3	299,300	244,900	+22.2
3 Months	264,300	219,700	+20.3	926,300	779,200	+18.9
April	73,500	68,100	+7.9	264,200	257,300	+2.7
May	68,800	65,200	+5.5	254,300	243,600	+4.4
June	95,300	68,800	+38.5	330,800	254,800	+29.8
6 Months	501,900	421,800	+19.0	1,775,600	1,534,900	+15.7
July	81,800	77,300	+5.8	281,100	280,900	+0.1
August	87,000	79,200	+9.8	294,400	276,800	+6.4
September	104,000	89,200	+16.6	346,400	318,700	+8.7
9 Months	774,700	667,500	+16.1	2,697,500	2,411,300	+11.9
October	93,000	107,000	-13.1	310,000	352,700	-12.1
November		81,600			268,000	
December		79,800			276,700	
YEAR-END		935,900			3,308,700	

(a) Source: AHAM. Excludes combination washer-dryers.

1/18/88 A5100-1.

STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

STATISTICS FOR THE MONTH OF NOVEMBER 1987

A summary of shipments statistics compiled by GAMA from reports by its members and releases from AHAM. Unless otherwise noted, figures represent total industry factory unit shipments.

Page	
	RESIDENTIAL RANGES
2	Gas Ranges
4	Electric Ranges
	WATER HEATERS
6	Residential
7	Commercial
	RESIDENTIAL HEATING EQUIPMENT
8	Central Furnaces
9	Boilers
10	Wall Furnaces
11	Room Heaters
12	Floor Furnaces
	EQUIPMENT FOR RECREATIONAL VEHICLES
5	Gas Ranges
12	Gas Heating Equipment
13	**GAS UNIT HEATERS and DUCT FURNACES**
14	**CLOTHES DRYERS**

Issued: January 7, 1988

RESIDENTIAL GAS RANGES

	FREE-STANDING & SLIDE-IN			OVER/UNDER		
MONTH	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**
January	163,910	126,100	+30.0	6,970	6,190	+12.6
February	143,810	132,600	+8.5	6,910	5,720	+20.8
March	165,040	146,070	+13.0	7,200	7,210	-0.1
3 Months	472,760	404,770	+16.8	21,080	19,120	+10.3
April	140,130	128,100	+9.4	7,010	6,530	+7.4
May	139,040	134,700	+3.2	5,900	6,540	-9.8
June	165,400	160,570	+3.0	7,650	8,370	-8.6
6 Months	917,330	828,140	+10.8	41,640	40,560	+2.7
July	148,090 r	114,310	+29.6	6,670 r	5,670	+17.6
August	148,870 r	140,100	+6.3	7,160 r	7,160	0.0
September	180,160 r	171,260	+5.2	8,890 r	7,880	+12.8
9 Months	1,394,450 r	1,253,810	+11.2	64,360 r	61,270	+5.0
October	189,700	162,750	+16.6	8,850	9,630	-8.1
November	171,990	155,400	+10.7	6,210	7,480	-17.0
December		167,320			8,530	
YEAR-END		1,739,280			86,910	

The above figures exclude gas ranges used in travel trailers and recreational vehicles.

(r) = Revised

(Continued on Page 3)

RESIDENTIAL GAS RANGES

	DROP-IN			BUILT-IN			GRAND TOTAL		
MONTH	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**
January	2,020	2,100	-3.8	7,440	7,320	+1.6	180,340	141,710	+27.3
February	1,730	2,400	-27.9	7,730	6,570	+17.7	160,180	147,290	+8.8
March	2,300	2,350	-2.1	8,950	8,160	+9.7	183,490	163,790	+12.0
3 Months	6,050	6,850	-11.7	24,120	22,050	+9.4	524,010	452,790	+15.7
April	2,150	2,300	-6.5	7,660	7,070	+8.3	156,950	144,000	+9.0
May	2,040	2,690	-24.2	7,200	6,340	+13.6	154,180	150,270	+2.6
June	2,130	2,230	-4.5	8,040	7,250	+10.9	183,220	178,420	+2.7
6 Months	12,370	14,070	-12.1	47,020	42,710	+10.1	1,018,360	925,480	+10.0
July	1,790	1,770	+1.1	7,030r	5,750	+22.3	163,580r	127,500	+28.3
August	1,470	2,410	-39.0	7,010r	6,090	+15.1	164,510r	155,760	+5.6
September	1,900 r	2,660	-28.6	9,560r	7,350	+30.1	200,510r	189,150	+6.0
9 Months	17,530 r	20,910	-16.2	70,620r	61,900	+14.1	1,546,960r	1,397,890	+10.7
October	2,800	2,040	+37.3	9,160	7,820	+17.1	210,510	182,240	+15.5
November	2,170	2,410	-10.0	7,520	7,690	-2.2	187,890	172,980	+8.6
December		2,730			8,240			186,820	
YEAR-END		28,090			85,650			1,939,930	

The above figures exclude gas ranges used in travel trailers and recreational vehicles.

(r) = Revised

ELECTRIC RANGES (a)

MONTH	FREE-STANDING (b) 1987	FREE-STANDING (b) 1986	FREE-STANDING (b) %Chg.	BUILT-IN (c) (Oven-Broiler Units) 1987	BUILT-IN (c) (Oven-Broiler Units) 1986	BUILT-IN (c) (Oven-Broiler Units) %Chg.	GRAND TOTAL 1987	GRAND TOTAL 1986	GRAND TOTAL %Chg.
January	227,600	219,200	+3.8	54,700	46,300	+18.1	282,300	265,500	+6.3
February	195,900	208,600	-6.1	51,600	44,900	+14.9	247,500	253,500	-2.4
March	224,800	192,600	+16.7	54,300	47,400	+14.6	279,100	240,000	+16.3
3 Months	648,300	620,400	+4.5	160,600	138,600	+15.9	808,900	759,000	+6.6
April	228,400	218,200	+4.7	52,800	47,400	+11.4	281,200	265,600	+5.9
May	206,700	213,100	-3.0	49,400	44,300	+11.5	256,100	257,400	-0.5
June	229,100	247,200	-7.3	60,000	53,700	+11.7	289,100	300,900	-3.9
6 Months	1,312,500	1,298,900	+1.0	322,800	284,000	+13.7	1,635,300	1,582,900	+3.3
July	233,000	231,400	+0.7	52,900	51,500	+2.7	285,900	282,900	+1.1
August	232,500	224,400	+3.6	57,200	46,500	+23.0	289,700	270,900	+6.9
September	233,500	245,200	-4.8	55,300	49,200	+12.4	288,800	294,400	-1.9
9 Months	2,011,500	1,999,900	+0.6	488,200	431,200	+13.2	2,499,700	2,431,100	+2.8
October	248,300	263,200r	-5.7	59,100	58,300	+1.4	307,400	321,500r	-4.4
November	224,200	226,700	-1.1	60,600	51,200	+18.4	284,800	277,900	+2.5
December		227,400			55,600			283,000	
YEAR-END		2,717,200			596,300			3,313,500	

(a) Source: AHAM
(b) Includes High Oven Ranges
(c) Includes Drop-In Ranges

(r) = Revised

LP-GAS RANGES FOR RECREATIONAL VEHICLES *

	RANGES (with ovens)			SURFACE UNITS (without ovens)		
MONTH	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**
January	13,862	9,843	+40.8	4,895	4,854	+0.8
February	14,317	13,733	+4.3	6,481	6,514	-0.5
March	19,232	18,008	+6.8	9,128	8,067	+13.2
3 Months	47,411	41,584	+14.0	20,504	19,435	+5.5
April	15,126	14,939	+1.3	6,426	6,873	-6.5
May	14,943	16,238	-8.0	7,041	6,490	+8.5
June	15,752	13,896	+13.4	6,931	6,023	+15.1
6 Months	93,232	86,657	+7.6	40,902	38,821	+5.4
July	11,787	12,117	-2.7	5,486	4,657	+17.8
August	12,443	10,038	+24.0	4,872	6,126	-20.5
September	14,862	13,370	+11.2	7,096	5,301	+33.9
9 Months	132,324	122,182	+8.3	58,356	54,905	+6.3
October	13,409	12,158	+10.3	6,827	5,433	+25.7
November	10,392	10,276	+1.1	5,746	5,207	+10.4
December		10,814			5,474	
YEAR-END		155,430			71,019	

* Does not represent total industry shipments.

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS *

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**
January	345,808	337,115	+2.6	286,966	302,443	-5.1	632,774	639,558	-1.1
Februar	340,019	322,806	+5.3	278,289	274,461	+1.4	618,308	597,267	+3.5
March	351,914	342,891	+2.6	301,311	306,447	-1.7	653,225	649,338	+0.6
3 Months	1,037,741	1,002,812	+3.5	866,566	883,351	-1.9	1,904,307	1,886,163	+1.0
April	353,152	343,766	+2.7	311,316	327,339	-4.9	664,470	671,105	-1.0
May	290,477	269,580	+7.8	263,610	252,905	+4.2	554,087	522,485	+6.0
June	330,285	295,243	+11.9	299,894	275,645	+8.8	630,179	570,888	+10.4
6 Months	2,011,655	1,911,401	+5.2	1,741,388	1,739,240	+0.1	3,753,043	3,650,641	+2.8
July	297,199	291,476	+2.0	276,164	277,370	-0.4	573,363	568,846	+0.8
August	289,836	272,769	+6.3	270,759	260,352	+4.0	560,595	533,121	+5.2
September	311,719	290,442	+7.3	269,658	275,482	-2.1	581,377	565,924	+2.7
9 Months	2,910,409	2,766,088	+5.2	2,557,969	2,552,444	+0.2	5,468,378	5,318,532	+2.8
October	360,606	346,392	+4.1	294,422	304,836	-3.4	655,028	651,228	+0.6
November	310,355	293,919	+5.6	257,772	253,895	+1.5	568,127	547,814	+3.7
December		322,380			277,975			600,355	
YEAR-END		3,728,779			3,389,150			7,117,929	

* Does not represent total industry shipments.
Figures include shipments to mobile home manufacturers.

COMMERCIAL WATER HEATERS *

MONTH	GAS COMMERCIAL WATER HEATERS (a) 1987	1986	%Chg.	ELECTRIC COMMERCIAL WATER HEATERS (a) 1987	1986	%Chg.
January	18,981	19,026	-0.2	1,446	1,569	-7.8
February	18,569	17,288	+7.4	1,535	1,522	+0.9
March	17,798	15,659	+13.7	1,568	1,542	+1.7
3 Months	55,348	51,973	+6.5	4,549	4,633	-1.8
April	18,668	17,556	+6.3	1,685	1,659	+1.6
May	19,102	17,835	+7.1	1,550	1,662	-6.7
June	21,199	17,693	+19.8	1,561	1,462	+6.8
6 Months	114,317	105,057	+8.8	9,345	9,416	-0.8
July	15,773	15,629	+0.9	1,416	1,431	-1.0
August	13,019	15,262	-14.7	1,505	1,594	-5.6
September	13,728	13,144	+4.4	1,536	1,277	+20.3
9 Months	156,837	149,092	+5.2	13,802	13,718	+0.6
October	11,850	16,303	-27.3	1,568	1,580	-0.8
November	21,053	16,539	+27.3	1,415	1,331	+6.3
December		16,370			1,545	
YEAR-END		198,304			18,174	

* Does not represent total industry shipments.

(a) Includes integral tank type and copper tube or coil type commercial gas water heaters and gas swimming pool heaters.

CENTRAL HEATING FURNACES

MONTH	GAS WARM AIR FURNACES			OIL WARM AIR FURNACES			ELECTRIC WARM AIR FURNACES		
	1987	1986	%Chg.	1987	1986	%Chg.	1987	1986	%Chg.
January	168,355	154,800	+8.8	16,195	13,775	+17.6	31,385	33,710	-6.9
February	152,735	150,390	+1.6	13,510	11,370	+18.8	30,740	32,020	-4.0
March	148,845	159,825	-6.9	11,845	9,670	+22.5	39,010	33,105	+17.8
3 Months	469,935	465,015	+1.1	41,550	34,815	+19.3	101,135	98,835	+2.3
April	137,595	139,820	-1.6	10,870	9,170	+18.5	37,115	31,245	+18.8
May	118,350	150,955	-21.6	8,635	9,055	-4.6	33,435	33,450	0.0
June	139,820	149,105	-6.2	10,540	11,315	-6.8	31,965	35,425	-9.8
6 Months	865,700	904,895	-4.3	71,595	64,355	+11.3	203,650	198,955	+2.4
July	156,660	147,315	+6.3	12,380	10,245	+20.8	30,100	33,045	-8.9
August	203,020	198,855	+2.1	22,840	21,615	+5.7	33,070	28,505	+16.0
September	234,015	217,475	+7.6	31,830	30,040	+6.0	31,610	35,410	-10.7
9 Months	1,459,395	1,468,540	-0.6	138,645	126,255	+9.8	298,430	295,915	+0.8
October	240,585	251,730	-4.4	25,795	32,045	-19.5	29,100	32,155	-9.5
November	193,665	202,080	-4.2	24,290	20,845	+16.5	23,835	27,530	-13.4
December		182,455			21,395			26,990	
YEAR-END		2,104,805			200,540			382,590	

GAS & OIL BOILERS

MONTH	GAS BOILERS 1987	GAS BOILERS 1986	GAS BOILERS %Chg.	OIL BOILERS 1987	OIL BOILERS 1986	OIL BOILERS %Chg.
January	12,578	13,503	-6.9	9,227	8,531	+8.2
February	12,323	12,024	+2.5	8,337	6,972	+19.6
March	11,707	9,006	+30.0	9,306	7,641	+21.8
3 Months	36,608	34,533	+6.0	26,870	23,144	+16.1
April	8,348	8,904	-6.2	7,002	6,511	+7.5
May	9,733	8,523	+14.2	7,897	5,622	+40.5
June	14,380	13,463	+6.8	10,778	9,482	+13.7
6 Months	69,069	65,423	+5.6	52,547	44,759	+17.4
July	12,185	12,686	-3.9	9,312	8,439	+10.3
August	17,942	20,542	-12.7	12,530	13,589	-7.8
September	21,968	26,092	-15.8	15,535	15,346	+1.2
9 Months	121,164	124,743	-2.9	89,924	82,133	+9.5
October	28,402	28,918	-1.8	18,123	17,572	+3.1
November	22,541	22,792	-1.1	13,765	13,756	+0.1
December		19,569			12,145	
YEAR-END		196,022			125,606	

GAS RESIDENTIAL WALL FURNACES

MONTH	VENTED WALL FURNACES 1987	VENTED WALL FURNACES 1986	VENTED WALL FURNACES %Chg.	DIRECT VENT SYSTEM WALL FURNACES (a) 1987	DIRECT VENT SYSTEM WALL FURNACES (a) 1986	DIRECT VENT SYSTEM WALL FURNACES (a) %Chg.	TOTAL WALL FURNACES 1987	TOTAL WALL FURNACES 1986	TOTAL WALL FURNACES %Chg.
January	8,200	7,820	+4.9	5,040	4,980	+1.2	13,240	12,800	+3.4
February	7,750	10,050	-22.9	2,960	6,030	-50.9	10,710	16,080	-33.4
March	7,320	9,030	-18.9	5,430	4,010	+35.4	12,750	13,040	-2.2
3 Months	23,270	26,900	-13.5	13,430	15,020	-10.6	36,700	41,920	-12.5
April	4,790	9,330	-48.7	3,090	3,650	-15.3	7,880	12,980	-39.3
May	5,910	6,530	-9.5	3,120	4,880	-36.1	9,030	11,410	-20.9
June	6,890	8,660	-20.4	5,130	2,970	+72.7	12,020	11,630	+3.4
6 Months	40,860	51,420	-20.5	24,770	26,520	-6.6	65,630	77,940	-15.8
July	5,560	7,710	-27.9	3,260	4,040	-19.3	8,820	11,750	-24.9
August	8,410	10,830	-22.3	4,060	6,110	-33.6	12,470	16,940	-26.4
September	10,320	16,740	-38.4	6,280	8,520	-26.3	16,600	25,260	-34.3
9 Months	65,150	86,700	-24.9	38,370	45,190	-15.1	103,520	131,890	-21.5
October	14,040	16,840	-16.6	8,390	9,670	-13.2	22,430	26,510	-15.4
November	13,230	12,260	+7.9	7,310	7,970	-8.3	20,540	20,230	+1.5
December		12,120			6,180			18,300	
YEAR-END		127,920	—		69,010			196,930	

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.

VENTED & UNVENTED ROOM HEATERS *

	VENTED ROOM HEATERS			UNVENTED ROOM HEATERS		
MONTH	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**
January	5,964	4,487	+32.9	5,355	10,625	-49.6
February	3,216	3,346	-3.9	8,843	28,802	-69.3
March	5,192	4,897	+6.0	4,845	11,835	-59.1
3 Months	14,372	12,730	+12.9	19,043	51,262	-62.9
April	3,938	3,746	+5.1	5,070	4,978	+1.8
May	5,011	3,607	+38.9	15,643	7,353	---
June	7,180	7,178	0.0	10,867	9,635	+12.8
6 Months	30,501	27,261	+11.9	50,623	73,228	-30.9
July	6,778	5,844	+16.0	22,498	22,353	+0.6
August	10,124	9,172	+10.4	17,888	16,912	+5.8
September	10,854	14,765	-26.5	19,156	16,403	+16.8
9 Months	58,257	57,042	+2.1	110,165	128,896	-14.5
October	16,227	14,296	+13.5	27,423	24,578	+11.6
November	10,611	11,653	-8.9	25,263	19,869	+27.1
December		9,484			15,593	
YEAR-END		92,475			188,936	

* Does not represent total industry shipments.

OTHER HEATING EQUIPMENT *

	GAS RECREATIONAL VEHICLE HEATING SYSTEMS (a)			GAS FLOOR FURNACES		
MONTH	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**
January	19,463	19,541	-0.4	1,046	2,284	-54.2
February	19,121	19,099	+0.1	1,226	1,007	+21.7
March	23,991	21,355	+12.3	1,594	1,419	+12.3
3 Months	62,575	59,995	+4.3	3,866	4,710	-17.9
April	22,769	20,006	+13.8	1,283	**	---
May	21,594	17,741	+21.7	1,716	1,098	+56.3
June	18,863	17,579	+7.3	1,122	1,372	-18.2
6 Months	125,801	115,321	+9.1	7,987	N/A	---
July	18,540	15,057	+23.1	1,092	1,502	-27.3
August	18,723	14,058	+33.2	1,271	1,686	-24.6
September	19,415	15,761	+23.2	2,424	2,667	-9.1
9 Months	182,479	160,197	+13.9	12,774	N/A	---
October	19,725	17,773	+11.0	3,711	3,107	+19.4
November	16,603	14,685	+13.1	2,032	2,195	-7.4
December		15,388			**	
YEAR-END		208,043			21,874	

* Does not represent total industry shipments.
(a) Includes Direct Vent Wall & Direct Vent Central Furnaces.
** Not reported to avoid possible disclosure.

GAS UNIT HEATERS AND DUCT FURNACES

MONTH	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
	1987	1986*	%Chg.	1987	1986*	%Chg.	1987	1986*	%Chg.
January	10,199	13,146	-22.4	885	875	+1.1	1,589	1,817	-12.5
February	11,177	11,398	-1.9	793	1,150	-31.0	1,758	1,954	-10.0
March	10,998	11,305	-2.7	1,027	1,168	-12.1	1,602	1,705	-6.0
3 Months	32,374	35,849	-9.7	2,705	3,193	-15.3	4,949	5,476	-9.6
April	8,768	10,532	-16.7	630	554	+13.7	1,146	1,271	-9.8
May	10,370	9,460	+9.6	611	442	+38.2	1,005	1,086	-7.5
June	12,715	10,134	+25.5	831	788	+5.5	1,364	1,714	-20.4
6 Months	64,227	65,975	-2.6	4,777	4,977	-4.0	8,464	9,547	-11.3
July	8,447	9,042	-6.6	473	520	-9.0	1,034	727	+42.2
August	14,002	13,286	+5.4	872	960	-9.2	1,355	1,384	-2.1
September	18,836	18,593	+1.3	1,317	1,253	+5.1	1,792	2,065	-13.2
9 Months	105,512	106,896	-1.3	7,439	7,710	-3.5	12,645	13,723	-7.9
October	16,232	15,324	+5.9	1,091	1,348	-19.1	1,742	2,052	-15.1
November	17,304	16,574	+4.4	1,051	1,102	-4.6	2,281	2,104	+8.4
December		14,737			1,172			2,229	
YEAR-END		153,531			11,332			20,108	

*Revised

GAS AND ELECTRIC CLOTHES DRYERS

	GAS CLOTHES DRYERS			ELECTRIC CLOTHES DRYERS		
MONTH	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**
January	93,200	83,000	+12.3	341,700	293,400	+16.5
February	80,400	67,600	+18.9	285,300	240,900	+18.4
March	90,700	69,100	+31.3	299,300	244,900	+22.2
3 Months	264,300	219,700	+20.3	926,300	779,200	+18.9
April	73,500	68,100	+7.9	264,200	257,300	+2.7
May	68,800	65,200	+5.5	254,300	243,600	+4.4
June	95,300	68,800	+38.5	330,800	254,800	+29.8
6 Months	501,900	421,800	+19.0	1,775,600	1,534,900	+15.7
July	81,800	77,300	+5.8	281,100	280,900	+0.1
August	87,000	79,200	+9.8	294,400	276,800	+6.4
September	104,000	89,200	+16.6	346,400	318,700	+8.7
9 Months	774,700	667,500	+16.1	2,697,500	2,411,300	+11.9
October	93,000	107,000	-13.1	310,000	352,700	-12.1
November	89,000	81,600	+9.1	302,100	268,000	+12.7
December		79,800			276,700	
YEAR-END		935,900			3,308,700	

(a) Source: AHAM. Excludes combination washer-dryers.

2/16/88 A5100-1

STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

STATISTICS FOR THE MONTH OF DECEMBER 1987

A summary of shipments statistics compiled by GAMA from reports by its members and releases from AHAM. Unless otherwise noted, figures represent total industry factory unit shipments.

Page	
	RESIDENTIAL RANGES
2	Gas Ranges
4	Electric Ranges
	WATER HEATERS
6	Residential
7	Commercial
	RESIDENTIAL HEATING EQUIPMENT
8	Central Furnaces
9	Boilers
10	Wall Furnaces
11	Room Heaters
12	Floor Furnaces
	EQUIPMENT FOR RECREATIONAL VEHICLES
5	Gas Ranges
12	Gas Heating Equipment
13	**GAS UNIT HEATERS and DUCT FURNACES**
14	**CLOTHES DRYERS**

Issued: February 9, 1988

RESIDENTIAL GAS RANGES

	FREE-STANDING & SLIDE-IN			OVER/UNDER		
MONTH	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**
January	163,910	126,100	+30.0	6,970	6,190	+12.6
February	143,810	132,600	+8.5	6,910	5,720	+20.8
March	165,040	146,070	+13.0	7,200	7,210	-0.1
3 Months	472,760	404,770	+16.8	21,080	19,120	+10.3
April	140,130	128,100	+9.4	7,010	6,530	+7.4
May	139,040	134,700	+3.2	5,900	6,540	-9.8
June	165,400	160,570	+3.0	7,650	8,370	-8.6
6 Months	917,330	828,140	+10.8	41,640	40,560	+2.7
July	148,090r	114,310	+29.6	6,670r	5,670	+17.6
August	148,870 r	140,100	+6.3	7,160 r	7,160	0.0
September	180,160 r	171,260	+5.2	8,890 r	7,880	+12.8
9 Months	1,394,450 r	1,253,810	+11.2	64,360r	61,270	+5.0
October	189,700	162,750	+16.6	8,850	9,630	-8.1
November	171,990	155,400	+10.7	6,210	7,480	-17.0
December	178,870	167,320	+6.9	7,770	8,530	-8.9
YEAR-END	1,935,010	1,739,280	+11.3	87,190	86,910	+0.3

The above figures exclude gas ranges used in travel trailers and recreational vehicles.

(r) = Revised

(Continued on Page 3)

RESIDENTIAL GAS RANGES

MONTH	DROP-IN 1987	DROP-IN 1986	DROP-IN %Chg.	BUILT-IN 1987	BUILT-IN 1986	BUILT-IN %Chg.	GRAND TOTAL 1987	GRAND TOTAL 1986	GRAND TOTAL %Chg.
January	2,020	2,100	-3.8	7,440	7,320	+1.6	180,340	141,710	+27.3
February	1,730	2,400	-27.9	7,730	6,570	+17.7	160,180	147,290	+8.8
March	2,300	2,350	-2.1	8,950	8,160	+9.7	183,490	163,790	+12.0
3 Months	6,050	6,850	-11.7	24,120	22,050	+9.4	524,010	452,790	+15.7
April	2,150	2,300	-6.5	7,660	7,070	+8.3	156,950	144,000	+9.0
May	2,040	2,690	-24.2	7,200	6,340	+13.6	154,180	150,270	+2.6
June	2,130	2,230	-4.5	8,040	7,250	+10.9	183,220	178,420	+2.7
6 Months	12,370	14,070	-12.1	47,020	42,710	+10.1	1,018,360	925,480	+10.0
July	1,790	1,770	+1.1	7,030r	5,750	+22.3	163,580r	127,500	+28.3
August	1,470	2,410	-39.0	7,010r	6,090	+15.1	164,510r	155,760	+5.6
September	1,900r	2,660	-28.6	9,560r	7,350	+30.1	200,510r	189,150	+6.0
9 Months	17,530r	20,910	-16.2	70,620r	61,900	+14.1	1,546,960r	1,397,890	+10.7
October	2,800	2,040	+37.3	9,160	7,820	+17.1	210,510	182,240	+15.5
November	2,170	2,410	-10.0	7,520	7,690	-2.2	187,890	172,980	+8.6
December	1,760	2,730	-35.5	8,850	8,240	+7.4	197,250	186,820	+5.6
YEAR-END	24,260	28,090	-13.6	96,150	85,650	+12.3	2,142,610	1,939,930	+10.4

The above figures exclude gas ranges used in travel trailers and recreational vehicles.

(r) = Revised

ELECTRIC RANGES (a)

MONTH	FREE-STANDING (b) 1987	FREE-STANDING (b) 1986	FREE-STANDING (b) %Chg.	BUILT-IN (c) (Oven-Broiler Units) 1987	BUILT-IN (c) (Oven-Broiler Units) 1986	BUILT-IN (c) (Oven-Broiler Units) %Chg.	GRAND TOTAL 1987	GRAND TOTAL 1986	GRAND TOTAL %Chg.
January	227,600	219,200	+3.8	54,700	46,300	+18.1	282,300	265,500	+6.3
February	195,900	208,600	-6.1	51,600	44,900	+14.9	247,500	253,500	-2.4
March	224,800	192,600	+16.7	54,300	47,400	+14.6	279,100	240,000	+16.3
3 Months	648,300	620,400	+4.5	160,600	138,600	+15.9	808,900	759,000	+6.6
April	228,400	218,200	+4.7	52,800	47,400	+11.4	281,200	265,600	+5.9
May	206,700	213,100	-3.0	49,400	44,300	+11.5	256,100	257,400	-0.5
June	229,100	247,200	-7.3	60,000	53,700	+11.7	289,100	300,900	-3.9
6 Months	1,312,500	1,298,900	+1.0	322,800	284,000	+13.7	1,635,300	1,582,900	+3.3
July	233,000	231,400	+0.7	52,900	51,500	+2.7	285,900	282,900	+1.1
August	232,500	224,400	+3.6	57,200	46,500	+23.0	289,700	270,900	+6.9
September	233,500	245,200	-4.8	55,300	49,200	+12.4	288,800	294,400	-1.9
9 Months	2,011,500	1,999,900	+0.6	488,200	431,200	+13.2	2,499,700	2,431,100	+2.8
October	248,300	263,200r	-5.7	59,100	58,300	+1.4	307,400	321,500r	-4.4
November	224,200	226,700	-1.1	60,600	51,200	+18.4	284,800	277,900	+2.5
December	206,000	227,400	-9.4	48,800	55,600	-12.2	254,800	283,000	-10.0
YEAR-END	2,690,000	2,717,200	-1.0	656,700	596,300	+10.1	3,346,700	3,313,500	+1.0

(a) Source: AHAM
(b) Includes High Oven Ranges
(c) Includes Drop-In Ranges

(r) = Revised

LP-GAS RANGES FOR RECREATIONAL VEHICLES *

	RANGES (with ovens)			SURFACE UNITS (without ovens)		
MONTH	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**
January	13,862	9,843	+40.8	4,895	4,854	+0.8
February	14,317	13,733	+4.3	6,481	6,514	-0.5
March	19,232	18,008	+6.8	9,128	8,067	+13.2
3 Months	47,411	41,584	+14.0	20,504	19,435	+5.5
April	15,126	14,939	+1.3	6,426	6,873	-6.5
May	14,943	16,238	-8.0	7,041	6,490	+8.5
June	15,752	13,896	+13.4	6,931	6,023	+15.1
6 Months	93,232	86,657	+7.6	40,902	38,821	+5.4
July	11,787	12,117	-2.7	5,486	4,657	+17.8
August	12,443	10,038	+24.0	4,872	6,126	-20.5
September	14,862	13,370	+11.2	7,096	5,301	+33.9
9 Months	132,324	122,182	+8.3	58,356	54,905	+6.3
October	13,409	12,158	+10.3	6,827	5,433	+25.7
November	10,392	10,276	+1.1	5,746	5,207	+10.4
December	10,333	10,814	-4.4	5,065	5,474	-7.5
YEAR-END	166,458	155,430	+7.1	75,994	71,019	+7.0

* Does not represent total industry shipments.

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS *

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	1987	1986	%Chg.	1987	1986	%Chg.	1987	1986	%Chg.
January	345,808	337,115	+2.6	286,966	302,443	-5.1	632,774	639,558	-1.1
February	340,019	322,806	+5.3	278,289	274,461	+1.4	618,308	597,267	+3.5
March	351,914	342,891	+2.6	301,311	306,447	-1.7	653,225	649,338	+0.6
3 Months	1,037,741	1,002,812	+3.5	866,566	883,351	-1.9	1,904,307	1,886,163	+1.0
April	353,152	343,766	+2.7	311,318	327,339	-4.9	664,470	671,105	-1.0
May	290,477	269,580	+7.8	263,610	252,905	+4.2	554,087	522,485	+6.0
June	330,285	295,243	+11.9	299,894	275,645	+8.8	630,179	570,888	+10.4
6 Months	2,011,655	1,911,401	+5.2	1,741,388	1,739,240	+0.1	3,753,043	3,650,641	+2.8
July	297,199	291,476	+2.0	276,164	277,370	-0.4	573,363	568,846	+0.8
August	289,836	272,769	+6.3	270,759	260,352	+4.0	560,595	533,121	+5.2
September	311,719	290,442	+7.3	269,658	275,482	-2.1	581,377	565,924	+2.7
9 Months	2,910,409	2,766,088	+5.2	2,557,969	2,552,444	+0.2	5,468,378	5,318,532	+2.8
October	360,606	346,392	+4.1	294,422	304,836	-3.4	655,028	651,228	+0.6
November	310,355	293,919	+5.6	257,772	253,895	+1.5	568,127	547,814	+3.7
December	369,314	322,380	+14.6	286,232	277,975	+3.0	655,546	600,355	+9.2
YEAR-END	3,950,684	3,728,779	+6.0	3,396,395	3,389,150	+0.2	7,347,079	7,117,929	+3.2

* Does not represent total industry shipments.
Figures include shipments to mobile home manufacturers.

COMMERCIAL WATER HEATERS *

MONTH	GAS COMMERCIAL WATER HEATERS (a) 1987	1986	%Chg.	ELECTRIC COMMERCIAL WATER HEATERS (a) 1987	1986	%Chg.
January	18,981	19,026	-0.2	1,446	1,569	-7.8
February	18,569	17,288	+7.4	1,535	1,522	+0.9
March	17,798	15,659	+13.7	1,568	1,542	+1.7
3 Months	55,348	51,973	+6.5	4,549	4,633	-1.8
April	18,668	17,556	+6.3	1,685	1,659	+1.6
May	19,102	17,835	+7.1	1,550	1,662	-6.7
June	21,199	17,693	+19.8	1,561	1,462	+6.8
6 Months	114,317	105,057	+8.8	9,345	9,416	-0.8
July	15,773	15,629	+0.9	1,416	1,431	-1.0
August	13,019	15,262	-14.7	1,505	1,594	-5.6
September	13,728	13,144	+4.4	1,536	1,277	+20.3
9 Months	156,837	149,092	+5.2	13,802	13,718	+0.6
October	14,200 r	16,303	-12.9	1,568	1,580	-0.8
November	21,053	16,539	+27.3	1,415	1,331	+6.3
December	19,376	16,370	+18.4	1,576	1,545	+2.0
YEAR-END	211,466	198,304	+6.6	18,361	18,174	+1.0

* Does not represent total industry shipments.

(a) Includes integral tank type and copper tube or coil type commercial gas water heaters and gas swimming pool heaters.

(r) = Revised

CENTRAL HEATING FURNACES

	GAS WARM AIR FURNACES			OIL WARM AIR FURNACES			ELECTRIC WARM AIR FURNACES		
MONTH	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**
January	168,355	154,800	+8.8	16,195	13,775	+17.6	31,385	33,710	-6.9
February	152,735	150,390	+1.6	13,510	11,370	+18.8	30,740	32,020	-4.0
March	148,845	159,825	-6.9	11,845	9,670	+22.5	39,010	33,105	+17.8
3 Months	469,935	465,015	+1.1	41,550	34,815	+19.3	101,135	98,835	+2.3
April	137,595	139,820	-1.6	10,870	9,170	+18.5	37,115	31,245	+18.8
May	118,350	150,955	-21.6	8,635	9,055	-4.6	33,435	33,450	0.0
June	139,820	149,105	-6.2	10,540	11,315	-6.8	31,965	35,425	-9.8
6 Months	865,700	904,895	-4.3	71,595	64,355	+11.3	203,650	198,955	+2.4
July	156,660	147,315	+6.3	12,380	10,245	+20.8	30,100	33,045	-8.9
August	203,020	198,855	+2.1	22,840	21,615	+5.7	33,070	28,505	+16.0
September	234,015	217,475	+7.6	31,830	30,040	+6.0	31,610	35,410	-10.7
9 Months	1,459,395	1,468,540	-0.6	138,645	126,255	+9.8	298,430	295,915	+0.8
October	240,585	251,730	-4.4	25,795	32,045	-19.5	29,100	32,155	-9.5
November	193,665	202,080	-4.2	24,290	20,845	+16.5	23,835	27,530	-13.4
December	179,280	182,455	-1.7	17,715	21,395	-17.2	23,690	26,990	-12.2
YEAR-END	2,072,925	2,104,805	-1.5	206,445	200,540	+2.9	375,055	382,590	-2.0

GAS & OIL BOILERS

	GAS BOILERS			OIL BOILERS		
MONTH	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**
January	12,578	13,503	-6.9	9,227	8,531	+8.2
February	12,323	12,024	+2.5	8,337	6,972	+19.6
March	11,707	9,006	+30.0	9,306	7,641	+21.8
3 Months	36,608	34,533	+6.0	26,870	23,144	+16.1
April	8,348	8,904	-6.2	7,002	6,511	+7.5
May	9,733	8,523	+14.2	7,897	5,622	+40.5
June	14,380	13,463	+6.8	10,778	9,482	+13.7
6 Months	69,069	65,423	+5.6	52,547	44,759	+17.4
July	12,185	12,686	-3.9	9,312	8,439	+10.3
August	17,942	20,542	-12.7	12,530	13,589	-7.8
September	21,968	26,092	-15.8	15,535	15,346	+1.2
9 Months	121,164	124,743	-2.9	89,924	82,133	+9.5
October	28,402	28,918	-1.8	18,123	17,572	+3.1
November	22,541	22,792	-1.1	13,765	13,756	+0.1
December	17,555	19,569	-10.3	12,902	12,145	+6.2
YEAR-END	189,662	196,022	-3.2	134,714	125,606	+7.3

GAS RESIDENTIAL WALL FURNACES

MONTH	VENTED WALL FURNACES 1987	1986	%Chg.	DIRECT VENT SYSTEM WALL FURNACES (a) 1987	1986	%Chg.	TOTAL WALL FURNACES 1987	1986	%Chg.
January	8,200	7,820	+4.9	5,040	4,980	+1.2	13,240	12,800	+3.4
February	7,750	10,050	-22.9	2,960	6,030	-50.9	10,710	16,080	-33.4
March	7,320	9,030	-18.9	5,430	4,010	+35.4	12,750	13,040	-2.2
3 Months	23,270	26,900	-13.5	13,430	15,020	-10.6	36,700	41,920	-12.5
April	4,790	9,330	-48.7	3,090	3,650	-15.3	7,880	12,980	-39.3
May	5,910	6,530	-9.5	3,120	4,880	-36.1	9,030	11,410	-20.9
June	6,890	8,660	-20.4	5,130	2,970	+72.7	12,020	11,630	+3.4
6 Months	40,860	51,420	-20.5	24,770	26,520	-6.6	65,630	77,940	-15.8
July	5,560	7,710	-27.9	3,260	4,040	-19.3	8,820	11,750	-24.9
August	8,410	10,830	-22.3	4,060	6,110	-33.6	12,470	16,940	-26.4
September	10,320	16,740	-38.4	6,280	8,520	-26.3	16,600	25,260	-34.3
9 Months	65,150	86,700	-24.9	38,370	45,190	-15.1	103,520	131,890	-21.5
October	14,040	16,840	-16.6	8,390	9,670	-13.2	22,430	26,510	-15.4
November	13,230	12,260	+7.9	7,310	7,970	-8.3	20,540	20,230	+1.5
December	13,320	12,120	+9.9	6,730	6,180	+8.9	20,050	18,300	+9.6
YEAR-END	105,740	127,920	-17.3	60,800	69,010	-11.9	166,540	196,930	-15.4

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.

VENTED & UNVENTED ROOM HEATERS *

MONTH	VENTED ROOM HEATERS 1987	1986	%Chg.	UNVENTED ROOM HEATERS 1987	1986	%Chg.
January	5,964	4,487	+32.9	5,355	10,625	-49.6
February	3,216	3,346	-3.9	8,843	28,802	-69.3
March	5,192	4,897	+6.0	4,845	11,835	-59.1
3 Months	14,372	12,730	+12.9	19,043	51,262	-62.9
April	3,938	3,746	+5.1	5,070	4,978	+1.8
May	5,011	3,607	+38.9	15,643	7,353	---
June	7,180	7,178	0.0	10,867	9,635	+12.8
6 Months	30,501	27,261	+11.9	50,623	73,228	-30.9
July	6,778	5,844	+16.0	22,498	22,353	+0.6
August	10,124	9,172	+10.4	17,888	16,912	+5.8
September	10,854	14,765	-26.5	19,156	16,403	+16.8
9 Months	58,257	57,042	+2.1	110,165	128,896	-14.5
October	16,227	14,296	+13.5	27,423	24,578	+11.6
November	10,611	11,653	-8.9	25,263	19,869	+27.1
December	5,469	9,484	-42.3	14,254	15,593	-8.6
YEAR-END	90,564	92,475	-2.1	177,105	188,936	-6.3

* Does not represent total industry shipments.

OTHER HEATING EQUIPMENT *

MONTH	GAS RECREATIONAL VEHICLE HEATING SYSTEMS (a) 1987	1986	%Chg.	GAS FLOOR FURNACES 1987	1986	%Chg.
January	19,463	19,541	-0.4	1,046	2,284	-54.2
February	19,121	19,099	+0.1	1,226	1,007	+21.7
March	23,991	21,355	+12.3	1,594	1,419	+12.3
3 Months	62,575	59,995	+4.3	3,866	4,710	-17.9
April	22,769	20,006	+13.8	1,283	**	---
May	21,594	17,741	+21.7	1,716	1,098	+56.3
June	18,863	17,579	+7.3	1,122	1,372	-18.2
6 Months	125,801	115,321	+9.1	7,987	N/A	---
July	18,540	15,057	+23.1	1,092	1,502	-27.3
August	18,723	14,058	+33.2	1,271	1,686	-24.6
September	19,415	15,761	+23.2	2,424	2,667	-9.1
9 Months	182,479	160,197	+13.9	12,774	N/A	---
October	19,725	17,773	+11.0	3,711	3,107	+19.4
November	16,603	14,685	+13.1	2,032	2,195	-7.4
December	15,964	15,388	+3.7	1,187	**	
YEAR-END	234,771	208,043	+12.8	19,704	21,874	-9.9

* Does not represent total industry shipments.
(a) Includes Direct Vent Wall & Direct Vent Central Furnaces.
** Not reported to avoid possible disclosure.

GAS UNIT HEATERS AND DUCT FURNACES

MONTH	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
	1987	1986*	%Chg.	1987	1986*	%Chg.	1987	1986*	%Chg.
January	10,199	13,146	-22.4	885	875	+1.1	1,589	1,817	-12.5
February	11,177	11,398	-1.9	793	1,150	-31.0	1,758	1,954	-10.0
March	10,998	11,305	-2.7	1,027	1,168	-12.1	1,602	1,705	-6.0
3 Months	32,374	35,849	-9.7	2,705	3,193	-15.3	4,949	5,476	-9.6
April	8,768	10,532	-16.7	630	554	+13.7	1,146	1,271	-9.8
May	10,370	9,460	+9.6	611	442	+38.2	1,005	1,086	-7.5
June	12,715	10,134	+25.5	831	788	+5.5	1,364	1,714	-20.4
6 Months	64,227	65,975	-2.6	4,777	4,977	-4.0	8,464	9,547	-11.3
July	8,447	9,042	-6.6	473	520	-9.0	1,034	727	+42.2
August	14,002	13,286	+5.4	872	960	-9.2	1,355	1,384	-2.1
September	18,836	18,593	+1.3	1,317	1,253	+5.1	1,792	2,065	-13.2
9 Months	105,512	106,896	-1.3	7,439	7,710	-3.5	12,645	13,723	-7.9
October	16,232	15,324	+5.9	1,091	1,348	-19.1	1,742	2,052	-15.1
November	17,304	16,574	+4.4	1,051	1,102	-4.6	2,281	2,104	+8.4
December	14,037	14,737	-4.7	1,374	1,172	+17.2	1,961	2,229	-12.0
YEAR-END	153,085	153,531	-0.3	10,955	11,332	-3.3	18,629	20,108	-7.4

*Revised

GAS AND ELECTRIC CLOTHES DRYERS

	GAS CLOTHES DRYERS			ELECTRIC CLOTHES DRYERS		
MONTH	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**
January	93,200	83,000	+12.3	341,700	293,400	+16.5
February	80,400	67,600	+18.9	285,300	240,900	+18.4
March	90,700	69,100	+31.3	299,300	244,900	+22.2
3 Months	264,300	219,700	+20.3	926,300	779,200	+18.9
April	73,500	68,100	+7.9	264,200	257,300	+2.7
May	68,800	65,200	+5.5	254,300	243,600	+4.4
June	95,300	68,800	+38.5	330,800	254,800	+29.8
6 Months	501,900	421,800	+19.0	1,775,600	1,534,900	+15.7
July	81,800	77,300	+5.8	281,100	280,900	+0.1
August	87,000	79,200	+9.8	294,400	276,800	+6.4
September	104,000	89,200	+16.6	346,400	318,700	+8.7
9 Months	774,700	667,500	+16.1	2,697,500	2,411,300	+11.9
October	93,000	107,000	-13.1	310,000	352,700	-12.1
November	89,000	81,600	+9.1	302,100	268,000	+12.7
December	80,200	79,800	+0.5	289,600	276,700	+4.7
YEAR-END	1,036,900	935,900	+10.8	3,599,200	3,308,700	+8.8

(a) Source: AHAM. Excludes combination washer-dryers.

3/23/88 A5100-1

STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

STATISTICS FOR THE MONTH OF JANUARY 1988

A summary of shipments statistics compiled by GAMA from reports by its members. Unless otherwise noted, figures represent total industry factory unit shipments.

Page	
	WATER HEATERS
2	Residential
3	Commercial
	RESIDENTIAL HEATING EQUIPMENT
4	Central Furnaces
5	Boilers
6	Wall Furnaces
7	Room Heaters
8	Floor Furnaces
	EQUIPMENT FOR RECREATIONAL VEHICLES
8	Gas Heating Equipment
9	**GAS UNIT HEATERS and DUCT FURNACES**

Issued: March 17, 1988

3/23/88

A5100-1

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**
January	354,840	345,808	+2.6	282,499	286,966	-1.6	637,339	632,774	+0.7
February		340,019			278,289			618,308	
March		351,914			301,311			653,225	
3 Months		1,037,741			866,566			1,904,307	
April		353,152			311,318			664,470	
May		290,477			263,610			554,087	
June		330,285			299,894			630,179	
6 Months		2,011,655			1,741,388			3,753,043	
July		297,199			276,164			573,363	
August		289,836			270,759			560,595	
September		311,719			269,658			581,377	
9 Months		2,910,409			2,557,969			5,468,378	
October		360,606			294,422			655,028	
November		310,355			257,772			568,127	
December		369,314			286,232			655,546	
YEAR-END		3,950,684			3,396,395			7,347,079	

Figures include shipments to mobile home manufacturers.

COMMERCIAL WATER HEATERS

MONTH	GAS COMMERCIAL WATER HEATERS (a) 1988	1987	%Chg.	ELECTRIC COMMERCIAL WATER HEATERS (a) 1988	1987	%Chg.
January	17,859	18,981	-5.9	1,335	1,446	-7.7
February		18,569			1,535	
March		17,798			1,568	
3 Months		55,348			4,549	
April		18,668			1,685	
May		19,102			1,550	
June		21,199			1,561	
6 Months		114,317			9,345	
July		15,773			1,416	
August		13,019			1,505	
September		13,728			1,536	
9 Months		156,837			13,802	
October		14,200			1,568	
November		21,053			1,415	
December		19,376			1,576	
YEAR-END		211,466			18,361	

(a) Includes integral tank type and copper tube or coil type commercial gas water heaters and gas swimming pool heaters.

CENTRAL HEATING FURNACES

	GAS WARM AIR FURNACES			OIL WARM AIR FURNACES			ELECTRIC WARM AIR FURNACES		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**
January	157,210	168,355	-6.6	15,095	16,195	-6.8	27,685	31,385	-11.8
February		152,735			13,510			30,740	
March		143,845			11,845			39,010	
3 Months		469,935			41,550			101,135	
April		137,595			10,870			37,115	
May		118,350			8,635			33,435	
June		139,820			10,540			31,965	
6 Months		865,700			71,595			203,650	
July		156,660			12,380			30,100	
August		203,020			22,840			33,070	
September		234,015			31,830			31,610	
9 Months		1,459,395			138,645			298,430	
October		240,585			25,795			29,100	
November		193,665			24,290			23,835	
December		179,280			17,715			23,690	
YEAR-END		2,072,925			206,445			375,055	

GAS & OIL BOILERS

	GAS BOILERS			OIL BOILERS		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**
January	13,187	12,578	+4.8	10,071	9,227	+9.1
February		12,323			8,337	
March		11,707			9,306	
3 Months		36,608			26,870	
April		8,348			7,002	
May		9,733			7,897	
June		14,380			10,778	
6 Months		69,069			52,547	
July		12,185			9,312	
August		17,942			12,530	
September		21,968			15,535	
9 Months		121,164			89,924	
October		28,402			18,123	
November		22,541			13,765	
December		17,555			12,902	
YEAR-END		189,662			134,714	

GAS RESIDENTIAL WALL FURNACES

	VENTED WALL FURNACES			DIRECT VENT SYSTEM WALL FURNACES (a)			TOTAL WALL FURNACES		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**
January	9,280	8,200	+13.2	4,400	5,040	-12.7	13,680	13,240	+3.3
February		7,750			2,960			10,710	
March		7,320			5,430			12,750	
3 Months		23,270			13,430			36,700	
April		4,790			3,090			7,880	
May		5,910			3,120			9,030	
June		6,890			5,130			12,020	
6 Months		40,860			24,770			65,630	
July		5,560			3,260			8,820	
August		8,410			4,060			12,470	
September		10,320			6,280			16,600	
9 Months		65,150			38,370			103,520	
October		14,040			8,390			22,430	
November		13,230			7,310			20,540	
December		13,320			6,730			20,050	
YEAR-END		105,740			60,800			166,540	

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.

VENTED & UNVENTED ROOM HEATERS

	VENTED ROOM HEATERS			UNVENTED ROOM HEATERS		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**
January	3,613	5,964	-39.4	10,321	5,355	+92.7
February		3,216			8,843	
March		5,192			4,845	
3 Months		14,372			19,043	
April		3,938			5,070	
May		5,011			15,643	
June		7,180			10,867	
6 Months		30,501			50,623	
July		6,778			22,498	
August		10,124			17,888	
September		10,854			19,156	
9 Months		58,257			110,165	
October		16,227			27,423	
November		10,611			25,263	
December		5,469			14,254	
YEAR-END		90,564			177,105	

OTHER HEATING EQUIPMENT

MONTH	GAS RECREATIONAL VEHICLE HEATING SYSTEMS (a)			GAS FLOOR FURNACES		
	1988	1987	%Chg.	1988	1987	%Chg.
January	17,986	19,463	-7.6	1,217	1,046	+16.3
February		19,121			1,226	
March		23,991			1,594	
3 Months		62,575			3,866	
April		22,769			1,283	
May		21,594			1,716	
June		18,863			1,122	
6 Months		125,801			7,987	
July		18,540			1,092	
August		18,723			1,271	
September		19,415			2,424	
9 Months		182,479			12,774	
October		19,725			3,711	
November		16,603			2,032	
December		15,964			1,187	
YEAR-END		234,771			19,704	

(a) Includes Direct Vent Wall & Direct Vent Central Furnaces.

GAS UNIT HEATERS AND DUCT FURNACES

	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**
January	13,557	10,199	+32.9	884	885	-0.1	1,638	1,589	+3.1
February		11,177			793			1,758	
March		10,998			1,027			1,602	
3 Months		32,374			2,705			4,949	
April		8,768			630			1,146	
May		10,370			611			1,005	
June		12,715			831			1,364	
6 Months		64,227			4,777			8,464	
July		8,447			473			1,034	
August		14,002			872			1,355	
September		18,836			1,317			1,792	
9 Months		105,512			7,439			12,645	
October		16,232			1,091			1,742	
November		17,304			1,051			2,281	
December		14,037			1,374			1,961	
YEAR-END		153,085			10,955			18,629	

A 5100-1

STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

TEN YEAR SUMMARY, 1978-1987

TOTAL GAS AND ELECTRIC CUSTOMERS ON DECEMBER 31 OF EACH YEAR AND
CALENDAR YEAR UNIT SHIPMENTS OF APPLIANCES

RESIDENTIAL CUSTOMERS

	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978
NATURAL GAS (a)	N/A	46,588,100	45,928,700	45,366,900	44,893,800	44,552,300	44,149,300	43,489,400	42,821,300	42,183,200
ELECTRIC (b)	N/A	91,597,200	89,819,700	87,939,000	85,842,200	84,371,800	83,304,400	82,153,200	79,620,200	77,775,700

RESIDENTIAL RANGES

GAS										
Free-Standing & Slide-In	1,935,010	1,739,280	1,610,800	1,535,900	1,390,600	1,216,600	1,311,000	1,332,400	1,542,700	1,542,300
Drop-In	24,260	28,090	35,200	*	*	*	*	*	*	*
Over/Under	87,190	86,910	83,400	90,500	86,400	72,300	90,300	104,400	127,400	122,700
Built-In	96,150	85,650	84,300	105,700	95,700	78,600	94,400	101,700	128,500	129,200
TOTAL	2,142,610	1,939,930	1,813,700	1,732,100	1,572,700	1,367,500	1,495,700	1,538,500	1,798,600	1,794,200
ELECTRIC (c)										
Free-Standing	2,690,000	2,717,200	2,564,700	2,491,500	2,188,600	1,617,100	1,826,500	1,975,300	2,243,900	2,336,000
Built-In	656,700	596,300	572,700	579,500	561,900	407,200	491,500	556,600	755,600	881,400
TOTAL	3,346,700	3,313,500	3,137,400	3,071,000	2,750,500	2,024,300	2,318,000	2,531,900	2,999,500	3,217,400
TOTAL GAS & ELECTRIC	5,489,310	5,253,430	4,951,100	4,803,100	4,323,200	3,391,800	3,813,700	4,070,400	4,798,100	5,011,600

RV HEATING SYSTEMS

	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978
CENTRAL & WALL FURNACES	234,711	208,043	201,702	190,470	176,103	109,350	115,671	85,285	142,932	314,681

DIRECT HEATING EQUIPMENT

WALL FURNACES										
VENTED										
Natural	92,630	112,640	N/A	N/A	N/A	79,950	67,850	107,240	109,660	106,550
LP	13,110	15,280	N/A	N/A	N/A	9,630	12,290	17,690	17,610	17,450
TOTAL	105,740	127,920	138,710	123,230	119,880	89,580	80,140	124,930	127,270	124,000
DIRECT VENT										
Natural	33,770	40,920	N/A	N/A	34,430	31,290	33,900	55,540	58,730	56,340
LP	27,030	28,090	N/A	N/A	14,000	11,770	13,120	18,920	21,000	18,850
TOTAL	60,800	69,010	67,720	56,080	48,430	43,060	47,020	74,460	79,730	75,190
FLOOR FURNACES	19,704	21,874	22,085	20,825	18,775	18,746	10,552	12,240	15,560	18,070
ROOM HEATERS										
VENTED	90,564	92,475	84,612	77,902	63,542	60,549	76,523	124,305	127,201	159,393
UNVENTED	177,105	188,936	198,357	177,940	139,280	121,155	52,951	89,816	58,497	7,638
ALL OTHER (Includes Gas Logs & Fireplace Inserts)	N/A	N/A	N/A	N/A	N/A	N/A	3,560	7,812	6,972	7,869
TOTAL DIRECT HEATING EQUIPMENT	453,913	500,215	511,484	455,977	389,907	333,090	270,746	433,563	415,230	392,160

CLOTHES DRYERS

	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978
GAS (e)	1,036,900	935,900	833,500	753,600	672,000	584,200	639,000	682,200	768,000	757,000
ELECTRIC (e)	3,599,200	3,308,700	3,080,900	2,930,800	2,621,700	2,142,900	2,331,600	2,496,700	2,783,400	2,864,800
TOTAL	4,636,100	4,244,600	3,914,400	3,684,400	3,293,700	2,727,100	2,970,600	3,178,900	3,551,400	3,621,800

COMMERCIAL EQUIPMENT

WATER HEATERS GAS-FIRED (Includes Swimming Pool Heaters)	211,466	198,304	191,848	199,671	175,998	170,018	212,474	219,242	254,314	228,333
ELECTRIC	18,361	18,174	19,240	20,845	18,357	18,011	13,750	16,384	18,720	19,211
GAS UNIT HEATERS	164,040	164,863	184,188	164,743	122,020	126,600	142,660	176,840	186,180	155,420
GAS DUCT FURNACES	18,629	20,108	20,870	19,703	16,912	17,200	17,675	20,850	18,430	17,790

(a) American Gas Association
(b) Edison Electric Institute
(c) AHAM, High Oven Ranges included with Free-Standing Ranges, Drop-In Ranges included with Built-Ins
(d) Bureau of the Census
(e) AHAM, Excludes combination washer-dryers
* Drop-In units are included with Free-Standing & Slide-In units
** Fiscal year ending August
N/A Not Available

OUTDOOR LIVING

	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978
GAS GRILLS	N/A	**2,710,300	**2,788,300	2,637,190	2,147,885	1,765,960	1,526,700	1,235,000	1,310,000	910,000

WATER HEATERS

GAS-FIRED										
Natural	3,672,746	3,485,304	3,302,898	3,281,086	2,953,375	2,771,349	2,461,544	2,498,475	2,548,175	2,577,573
LP	277,938	243,475	226,033	220,967	218,692	269,598	323,663	319,788	339,100	343,479
TOTAL	3,950,684	3,728,779	3,528,931	3,502,053	3,172,067	3,040,947	2,785,207	2,818,263	2,887,275	2,921,052
ELECTRIC	3,396,395	3,389,150	3,452,283	3,480,845	3,131,017	2,716,219	2,463,270	2,451,021	2,661,809	2,684,104
OIL-FIRED	N/A	39,300	36,200	34,000	32,600	28,900	26,200	29,200	44,100	47,100

CENTRAL HEATING EQUIPMENT

GAS-FIRED										
Furnaces (Forced-Air)	2,072,925	2,104,805	1,822,295	1,849,200	1,661,800	1,155,600	1,416,700	1,445,700	1,862,600	1,636,100
Boilers (Steam & Hot Water)	189,662	196,022	192,455	179,870	147,700	147,600	161,600	293,300	221,300	125,900
ELECTRIC										
Furnaces (Elec. Resistance)	375,055	382,590	366,020	354,435	339,950	177,100	234,500	227,400	283,200	349,300
Boilers	469	512	N/A	634	663	808	1,735	2,660	2,724	1,950
OIL-FIRED										
Furnaces	206,445	200,540	147,260	148,025	127,305	103,500	81,200	63,700	157,800	263,000
Boilers	134,714	125,606	103,527	90,586	82,622	72,822	67,492	51,672	85,059	108,046
TOTAL CENTRAL HEATING EQUIPMENT	2,979,270	3,010,075	2,631,557	2,622,750	2,360,040	1,657,430	1,963,227	2,084,432	2,612,683	2,484,296

4/8/88 A5100-1

STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

STATISTICS FOR THE MONTH OF FEBRUARY 1988

A summary of shipments statistics compiled by GAMA from reports by its members. Unless otherwise noted, figures represent total industry factory unit shipments.

Page	
	WATER HEATERS
2	Residential
3	Commercial
	RESIDENTIAL HEATING EQUIPMENT
4	Central Furnaces
5	Boilers
6	Wall Furnaces
7	Room Heaters
8	Floor Furnaces
	EQUIPMENT FOR RECREATIONAL VEHICLES
8	Gas Heating Equipment
9	**GAS UNIT HEATERS and DUCT FURNACES**

Issued: April 7, 1988

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**
January	354,840	345,808	+2.6	282,499	286,966	-1.6	637,339	632,774	+0.7
February	320,350	340,019	-5.8	261,891	278,289	-5.9	582,241	618,308	-5.8
March		351,914			301,311			653,225	
3 Months		1,037,741			866,566			1,904,307	
April		353,152			311,318			664,470	
May		290,477			263,610			554,087	
June		330,285			299,894			630,179	
6 Months		2,011,655			1,741,388			3,753,043	
July		297,199			276,164			573,363	
August		289,836			270,759			560,595	
September		311,719			269,658			581,377	
9 Months		2,910,409			2,557,969			5,468,378	
October		360,606			294,422			655,028	
November		310,355			257,772			568,127	
December		369,314			286,232			655,546	
YEAR-END		3,950,684			3,396,395			7,347,079	

Figures include shipments to mobile home manufacturers.

COMMERCIAL WATER HEATERS

MONTH	GAS COMMERCIAL WATER HEATERS (a) 1988	1987	%Chg.	ELECTRIC COMMERCIAL WATER HEATERS (a) 1988	1987	%Chg.
January	17,859	18,981	-5.9	1,335	1,446	-7.7
February	16,362	18,569	-11.9	1,384	1,535	-9.8
March		17,798			1,568	
3 Months		55,348			4,549	
April		18,668			1,685	
May		19,102			1,550	
June		21,199			1,561	
6 Months		114,317			9,345	
July		15,773			1,416	
August		13,019			1,505	
September		13,728			1,536	
9 Months		156,837			13,802	
October		14,200			1,568	
November		21,053			1,415	
December		19,376			1,576	
YEAR-END		211,466			18,361	

(a) Includes integral tank type and copper tube or coil type commercial gas water heaters and gas swimming pool heater.

CENTRAL HEATING FURNACES

MONTH	GAS WARM AIR FURNACES 1988	GAS WARM AIR FURNACES 1987	GAS WARM AIR FURNACES %Chg.	OIL WARM AIR FURNACES 1988	OIL WARM AIR FURNACES 1987	OIL WARM AIR FURNACES %Chg.	ELECTRIC WARM AIR FURNACES 1988	ELECTRIC WARM AIR FURNACES 1987	ELECTRIC WARM AIR FURNACES %Chg.
January	157,210	168,355	-6.6	15,095	16,195	-6.8	27,685	31,385	-11.8
February	134,270	152,735	-12.1	12,790	13,510	-5.3	24,050	30,740	-21.8
March		148,845			11,845			39,010	
3 Months		469,935			41,550			101,135	
April		137,595			10,870			37,115	
May		118,350			8,635			33,435	
June		139,820			10,540			31,965	
6 Months		865,700			71,595			203,650	
July		156,660			12,380			30,100	
August		203,020			22,840			33,070	
September		234,015			31,830			31,610	
9 Months		1,459,395			138,645			298,430	
October		240,585			25,795			29,100	
November		193,665			24,290			23,835	
December		179,280			17,715			23,690	
YEAR-END		2,072,925			206,445			375,055	

GAS & OIL BOILERS

	GAS BOILERS			OIL BOILERS		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**
January	13,187	12,578	+4.8	10,071	9,227	+9.1
February	8,772	12,323	-28.8	5,125	8,337	-38.5
March		11,707			9,306	
3 Months		36,608			26,870	
April		8,348			7,002	
May		9,733			7,897	
June		14,380			10,778	
6 Months		69,069			52,547	
July		12,185			9,312	
August		17,942			12,530	
September		21,968			15,535	
9 Months		121,164			89,924	
October		28,402			18,123	
November		22,541			13,765	
December		17,555			12,902	
YEAR-END		189,662			134,714	

GAS RESIDENTIAL WALL FURNACES

MONTH	VENTED WALL FURNACES			DIRECT VENT SYSTEM WALL FURNACES (a)			TOTAL WALL FURNACES		
	1988	1987	%Chg.	1988	1987	%Chg.	1988	1987	%Chg.
January	9,280	8,200	+13.2	4,400	5,040	-12.7	13,680	13,240	+3.3
February	4,240	7,750	-45.3	2,360	2,960	-20.3	6,600	10,710	-38.4
March		7,320			5,430			12,750	
3 Months		23,270			13,430			36,700	
April		4,790			3,090			7,880	
May		5,910			3,120			9,030	
June		6,890			5,130			12,020	
6 Months		40,860			24,770			65,630	
July		5,560			3,260			8,820	
August		8,410			4,060			12,470	
September		10,320			6,280			16,600	
9 Months		65,150			38,370			103,520	
October		14,040			8,390			22,430	
November		13,230			7,310			20,540	
December		13,320			6,730			20,050	
YEAR-END		105,740			60,800			166,540	

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.

VENTED & UNVENTED ROOM HEATERS

MONTH	VENTED ROOM HEATERS 1988	VENTED ROOM HEATERS 1987	VENTED ROOM HEATERS %Chg.	UNVENTED ROOM HEATERS 1988	UNVENTED ROOM HEATERS 1987	UNVENTED ROOM HEATERS %Chg.
January	3,613	5,964	-39.4	10,321	5,355	+92.7
February	2,173	3,216	-32.4	3,653	8,843	-58.7
March		5,192			4,845	
3 Months		14,372			19,043	
April		3,938			5,070	
May		5,011			15,643	
June		7,180			10,867	
6 Months		30,501			50,623	
July		6,778			22,498	
August		10,124			17,888	
September		10,854			19,156	
9 Months		58,257			110,165	
October		16,227			27,423	
November		10,611			25,263	
December		5,469			14,254	
YEAR-END		90,564			177,105	

OTHER HEATING EQUIPMENT *

MONTH	GAS RECREATIONAL VEHICLE HEATING SYSTEMS (a)			GAS FLOOR FURNACES		
	1988	1987	%Chg.	1988	1987	%Chg.
January	17,578 (r)	19,463	-9.7	1,217	1,046	+16.3
February	18,998	19,121	-0.6	930	1,226	-24.1
March		23,991			1,594	
3 Months		62,575			3,866	
April		22,769			1,283	
May		21,594			1,716	
June		18,863			1,122	
6 Months		125,801			7,987	
July		18,540			1,092	
August		18,723			1,271	
September		19,415			2,424	
9 Months		182,479			12,774	
October		19,725			3,711	
November		16,603			2,032	
December		15,964			1,187	
YEAR-END		234,771			19,704	

(a) Includes Direct Vent Wall & Direct Vent Central Furnaces.
(r) Revised

GAS UNIT HEATERS AND DUCT FURNACES

MONTH	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
	1988	1987	%Chg.	1988	1987	%Chg.	1988	1987	%Chg.
January	13,557	10,199	+32.9	884	885	-0.1	1,638	1,589	+3.1
February	11,221	11,177	+0.4	831	793	+4.8	1,774	1,758	+0.9
March		10,998			1,027			1,602	
3 Months		32,374			2,705			4,949	
April		8,768			630			1,146	
May		10,370			611			1,005	
June		12,715			831			1,364	
6 Months		64,227			4,777			8,464	
July		8,447			473			1,034	
August		14,002			872			1,355	
September		18,836			1,317			1,792	
9 Months		105,512			7,439			12,645	
October		16,232			1,091			1,742	
November		17,304			1,051			2,281	
December		14,037			1,374			1,961	
YEAR-END		153,085			10,955			18,629	

5/10/88

A5100-1

STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

STATISTICS FOR THE MONTH OF MARCH 1988

A summary of shipments statistics compiled by GAMA from reports by its members. Unless otherwise noted, figures represent total industry factory unit shipments.

Page	
	WATER HEATERS
2	Residential
3	Commercial
	RESIDENTIAL HEATING EQUIPMENT
4	Central Furnaces
5	Boilers
6	Wall Furnaces
7	Room Heaters
8	Floor Furnaces
	EQUIPMENT FOR RECREATIONAL VEHICLES
8	Gas Heating Equipment
9	**GAS UNIT HEATERS and DUCT FURNACES**

Issued: May 5, 1988

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**
January	354,840	345,808	+2.6	282,499	286,966	-1.6	637,339	632,774	+0.7
February	320,350	340,019	-5.8	261,891	278,289	-5.9	582,241	618,308	-5.8
March	334,094	351,914	-5.1	283,191	301,311	-6.0	617,285	653,225	-5.5
3 Months	1,009,284	1,037,741	-2.7	827,581	866,566	-4.5	1,836,865	1,904,307	-3.5
April		353,152			311,318			664,470	
May		290,477			263,610			554,087	
June		330,285			299,894			630,179	
6 Months		2,011,655			1,741,388			3,753,043	
July		297,199			276,164			573,363	
August		289,836			270,759			560,595	
September		311,719			269,658			581,377	
9 Months		2,910,409			2,557,969			5,468,378	
October		360,606			294,422			655,028	
November		310,355			257,772			568,127	
December		369,314			286,232			655,546	
YEAR-END		3,950,684			3,396,395			7,347,079	

Figures include shipments to mobile home manufacturers.

COMMERCIAL WATER HEATERS

MONTH	GAS COMMERCIAL WATER HEATERS (a) 1988	1987	%Chg.	ELECTRIC COMMERCIAL WATER HEATERS (a) 1988	1987	%Chg.
January	17,740 (r)	18,981	-6.5	1,335	1,446	-7.7
February	16,229 (r)	18,569	-12.6	1,384	1,535	-9.8
March	16,401	17,798	-7.8	1,595	1,568	+1.7
3 Months	50,370	55,348	-9.0	4,314	4,549	-5.2
April		18,668			1,685	
May		19,102			1,550	
June		21,199			1,561	
6 Months		114,317			9,345	
July		15,773			1,416	
August		13,019			1,505	
September		13,728			1,536	
9 Months		156,837			13,802	
October		14,200			1,568	
November		21,053			1,415	
December		19,376			1,576	
YEAR-END		211,466			18,361	

(a) Includes integral tank type and copper tube or coil type commercial gas water heaters and gas swimming pool heater.
(r) Revised

CENTRAL HEATING FURNACES

	GAS WARM AIR FURNACES			OIL WARM AIR FURNACES			ELECTRIC WARM AIR FURNACES		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg**
January	157,210	168,355	-6.6	15,095	16,195	-6.8	27,685	31,385	-11.8
February	134,270	152,735	-12.1	12,790	13,510	-5.3	24,050	30,740	-21.8
March	147,965	148,845	-0.6	11,910	11,845	+0.5	24,565	39,010	-37.0
3 Months	439,445	469,935	-6.5	39,795	41,550	-4.2	76,300	101,135	-24.6
April		137,595			10,870			37,115	
May		118,350			8,635			33,435	
June		139,820			10,540			31,965	
6 Months		865,700			71,595			203,650	
July		156,660			12,380			30,100	
August		203,020			22,840			33,070	
September		234,015			31,830			31,610	
9 Months		1,459,395			138,645			298,430	
October		240,585			25,795			29,100	
November		193,665			24,290			23,835	
December		179,280			17,715			23,690	
YEAR-END		2,072,925			206,445			375,055	

GAS & OIL BOILERS

	GAS BOILERS			OIL BOILERS		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**
January	13,187	12,578	+4.8	10,071	9,227	+9.1
February	8,772	12,323	-28.8	5,125	8,337	-38.5
March	9,493	11,707	-18.9	8,225	9,306	-11.6
3 Months	31,452	36,608	-14.1	23,421	26,870	-12.8
April		8,348			7,002	
May		9,733			7,897	
June		14,380			10,778	
6 Months		69,069			52,547	
July		12,185			9,312	
August		17,942			12,530	
September		21,968			15,535	
9 Months		121,164			89,924	
October		28,402			18,123	
November		22,541			13,765	
December		17,555			12,902	
YEAR-END		189,662			134,714	

GAS RESIDENTIAL WALL FURNACES

	VENTED WALL FURNACES			DIRECT VENT SYSTEM WALL FURNACES (a)			TOTAL WALL FURNACES		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg**
January	9,280	8,200	+13.2	4,400	5,040	-12.7	13,680	13,240	+3.3
February	4,240	7,750	-45.3	2,360	2,960	-20.3	6,600	10,710	-38.4
March	5,850	7,320	-20.1	4,450	5,430	-18.0	10,300	12,750	-19.2
3 Months	19,370	23,270	-16.8	11,210	13,430	-16.5	30,580	36,700	-16.7
April		4,790			3,090			7,880	
May		5,910			3,120			9,030	
June		6,890			5,130			12,020	
6 Months		40,860			24,770			65,630	
July		5,560			3,260			8,820	
August		8,410			4,060			12,470	
September		10,320			6,280			16,600	
9 Months		65,150			38,370			103,520	
October		14,040			8,390			22,430	
November		13,230			7,310			20,540	
December		13,320			6,730			20,050	
YEAR-END		105,740			60,800			166,540	

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.

VENTED & UNVENTED ROOM HEATERS

MONTH	VENTED ROOM HEATERS 1988	1987	%Chg.	UNVENTED ROOM HEATERS 1988	1987	%Chg.
January	3,613	5,964	-39.4	10,321	5,355	+92.7
February	2,173	3,216	-32.4	3,653	8,843	-58.7
March	4,824	5,192	-7.1	6,159	4,845	+27.1
3 Months	10,610	14,372	-26.2	20,133	19,043	+5.7
April		3,938			5,070	
May		5,011			15,643	
June		7,180			10,867	
6 Months		30,501			50,623	
July		6,778			22,498	
August		10,124			17,888	
September		10,854			19,156	
9 Months		58,257			110,165	
October		16,227			27,423	
November		10,611			25,263	
December		5,469			14,254	
YEAR-END		90,564			177,105	

OTHER HEATING EQUIPMENT

MONTH	GAS RECREATIONAL VEHICLE HEATING SYSTEMS (a)			GAS FLOOR FURNACES		
	1988	1987	%Chg.	1988	1987	%Chg.
January	17,578 (r)	19,463	-9.7	1,217	1,046	+16.3
February	18,998	19,121	-0.6	930	1,226	-24.1
March	24,693	23,991	+2.9	1,178	1,594	-26.1
3 Months	61,269	62,575	-2.1	3,325	3,866	-14.0
April		22,769			1,283	
May		21,594			1,716	
June		18,863			1,122	
6 Months		125,801			7,987	
July		18,540			1,092	
August		18,723			1,271	
September		19,415			2,424	
9 Months		182,479			12,774	
October		19,725			3,711	
November		16,603			2,032	
December		15,964			1,187	
YEAR-END		234,771			19,704	

(a) Includes Direct Vent Wall & Direct Vent Central Furnaces.
(r) Revised

GAS UNIT HEATERS AND DUCT FURNACES

	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg**
January	13,557	10,199	+32.9	884	885	-0.1	1,638	1,589	+3.1
February	11,221	11,177	+0.4	831	793	+4.8	1,774	1,758	+0.9
March	6,652	10,998	-39.5	628	1,027	-38.9	1,028	1,602	-35.8
3 Months	31,430	32,374	-2.9	2,343	2,705	-13.4	4,440	4,949	-10.3
April		8,768			630			1,146	
May		10,370			611			1,005	
June		12,715			831			1,364	
6 Months		64,227			4,777			8,464	
July		8,447			473			1,034	
August		14,002			872			1,355	
September		18,836			1,317			1,792	
9 Months		105,512			7,439			12,645	
October		16,232			1,091			1,742	
November		17,304			1,051			2,281	
December		14,037			1,374			1,961	
YEAR-END		153,085			10,955			18,629	

6/13/88 AS100 1

STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

STATISTICS FOR THE MONTH OF APRIL 1988

A summary of shipments statistics compiled by GAMA from reports by its members. Unless otherwise noted, figures represent total industry factory unit shipments.

Page	
	WATER HEATERS
2	Residential
3	Commercial
	RESIDENTIAL HEATING EQUIPMENT
4	Central Furnaces
5	Boilers
6	Wall Furnaces
7	Room Heaters
8	Floor Furnaces
	EQUIPMENT FOR RECREATIONAL VEHICLES
8	Gas Heating Equipment
9	**GAS UNIT HEATERS and DUCT FURNACES**

Issued: June 8, 1988

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**
January	354,840	345,808	+2.6	282,499	286,966	-1.6	637,339	632,774	+0.7
February	320,350	340,019	-5.8	261,891	278,289	-5.9	582,241	618,308	-5.8
March	334,094	351,914	-5.1	283,191	301,311	-6.0	617,285	653,225	-5.5
3 Months	1,009,284	1,037,741	-2.7	827,581	866,566	-4.5	1,836,865	1,904,307	-3.5
April	329,060	353,152	-6.8	266,628	311,318	-14.4	595,688	664,470	-10.4
May		290,477			263,610			554,087	
June		330,285			299,894			630,179	
6 Months		2,011,655			1,741,388			3,753,043	
July		297,199			276,164			573,363	
August		289,836			270,759			560,595	
September		311,719			269,658			581,377	
9 Months		2,910,409			2,557,969			5,468,378	
October		360,606			294,422			655,028	
November		310,355			257,772			568,127	
December		369,314			286,232			655,546	
YEAR-END		3,950,684			3,396,395			7,347,079	

Figures include shipments to mobile home manufacturers.

COMMERCIAL WATER HEATERS

MONTH	GAS COMMERCIAL WATER HEATERS (a) 1988	1987	%Chg.	ELECTRIC COMMERCIAL WATER HEATERS (a) 1988	1987	%Chg.
January	17,740 (r)	18,981	-6.5	1,335	1,446	-7.7
February	16,229 (r)	18,569	-12.6	1,384	1,535	-9.8
March	16,401	17,798	-7.8	1,595	1,568	+1.7
3 Months	50,370	55,348	-9.0	4,314	4,549	-5.2
April	15,641	18,668	-16.2	1,698	1,685	+0.8
May		19,102			1,550	
June		21,199			1,561	
6 Months		114,317			9,345	
July		15,773			1,416	
August		13,019			1,505	
September		13,728			1,536	
9 Months		156,837			13,802	
October		14,200			1,568	
November		21,053			1,415	
December		19,376			1,576	
YEAR-END		211,466			18,361	

(a) Includes integral tank type and copper tube or coil type commercial gas water heaters and gas swimming pool heater.
(r) Revised

CENTRAL HEATING FURNACES

	GAS WARM AIR FURNACES			OIL WARM AIR FURNACES			ELECTRIC WARM AIR FURNACES		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg**
January	157,210	168,355	-6.6	15,095	16,195	-6.8	27,685	31,385	-11.8
February	134,270	152,735	-12.1	12,790	13,510	-5.3	24,050	30,740	-21.8
March	147,965	148,845	-0.6	11,910	11,845	+0.5	24,565	39,010	-37.0
3 Months	439,445	469,935	-6.5	39,795	41,550	-4.2	76,300	101,135	-24.6
April	124,910	137,595	-9.2	7,755	10,870	-28.7	20,885	37,115	-43.7
May		118,350			8,635			33,435	
June		139,820			10,540			31,965	
6 Months		865,700			71,595			203,650	
July		156,660			12,380			30,100	
August		203,020			22,840			33,070	
September		234,015			31,830			31,610	
9 Months		1,459,395			138,645			298,430	
October		240,585			25,795			29,100	
November		193,665			24,290			23,835	
December		179,280			17,715			23,690	
YEAR-END		2,072,925			206,445			375,055	

GAS & OIL BOILERS

MONTH	GAS BOILERS 1988	GAS BOILERS 1987	GAS BOILERS %Chg.	OIL BOILERS 1988	OIL BOILERS 1987	OIL BOILERS %Chg.
January	16,694 (r)	12,578	+32.7	11,848 (r)	9,227	+28.4
February	11,102 (r)	12,323	-9.9	6,030 (r)	8,337	-27.7
March	12,017 (r)	11,707	+2.6	9,677 (r)	9,306	+4.0
3 Months	39,813	36,608	+8.8	27,555	26,870	+2.5
April	6,834	8,348	-18.1	6,525	7,002	-6.8
May		9,733			7,897	
June		14,380			10,778	
6 Months		69,069			52,547	
July		12,185			9,312	
August		17,942			12,530	
September		21,968			15,535	
9 Months		121,164			89,924	
October		28,402			18,123	
November		22,541			13,765	
December		17,555			12,902	
YEAR-END		189,662			134,714	

(r) Revised

GAS RESIDENTIAL WALL FURNACES

	VENTED WALL FURNACES			DIRECT VENT SYSTEM WALL FURNACES (a)			TOTAL WALL FURNACES		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg**
January	9,280	8,200	+13.2	4,400	5,040	-12.7	13,680	13,240	+3.3
February	4,240	7,750	-45.3	2,360	2,960	-20.3	6,600	10,710	-38.4
March	5,850	7,320	-20.1	4,450	5,430	-18.0	10,300	12,750	-19.2
3 Months	19,370	23,270	-16.8	11,210	13,430	-16.5	30,580	36,700	-16.7
April	4,990	4,790	+4.2	3,690	3,090	+19.4	8,680	7,880	+10.2
May		5,910			3,120			9,030	
June		6,890			5,130			12,020	
6 Months		40,860			24,770			65,630	
July		5,560			3,260			8,820	
August		8,410			4,060			12,470	
September		10,320			6,280			16,600	
9 Months		65,150			38,370			103,520	
October		14,040			8,390			22,430	
November		13,230			7,310			20,540	
December		13,320			6,730			20,050	
YEAR-END		105,740			60,800			166,540	

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.

VENTED & UNVENTED ROOM HEATERS

	VENTED ROOM HEATERS			UNVENTED ROOM HEATERS		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**
January	3,613	5,964	-39.4	10,321	5,355	+92.7
February	2,173	3,216	-32.4	3,653	8,843	-58.7
March	4,824	5,192	-7.1	6,159	4,845	+27.1
3 Months	10,610	14,372	-26.2	20,133	19,043	+5.7
April	4,534	3,938	+15.1	12,133	5,070	---
May		5,011			15,643	
June		7,180			10,867	
6 Months		30,501			50,623	
July		6,778			22,498	
August		10,124			17,888	
September		10,854			19,156	
9 Months		58,257			110,165	
October		16,227			27,423	
November		10,611			25,263	
December		5,469			14,254	
YEAR-END		90,564			177,105	

OTHER HEATING EQUIPMENT

MONTH	GAS RECREATIONAL VEHICLE HEATING SYSTEMS (a)			GAS FLOOR FURNACES		
	1988	1987	%Chg.	1988	1987	%Chg.
January	17,578 (r)	19,463	-9.7	1,217	1,046	+16.3
February	18,998	19,121	-0.6	930	1,226	-24.1
March	24,693	23,991	+2.9	1,178	1,594	-26.1
3 Months	61,269	62,575	-2.1	3,325	3,866	-14.0
April	22,058	22,769	-3.1	1,076	1,283	-16.1
May		21,594			1,716	
June		18,863			1,122	
6 Months		125,801			7,987	
July		18,540			1,092	
August		18,723			1,271	
September		19,415			2,424	
9 Months		182,479			12,774	
October		19,725			3,711	
November		16,603			2,032	
December		15,964			1,187	
YEAR-END		234,771			19,704	

(a) Includes Direct Vent Wall & Direct Vent Central Furnaces.
(r) Revised

GAS UNIT HEATERS AND DUCT FURNACES

	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg**
January	13,557	10,199	+32.9	884	885	-0.1	1,638	1,589	+3.1
February	11,221	11,177	+0.4	831	793	+4.8	1,774	1,758	+0.9
March	6,652	10,998	-39.5	628	1,027	-38.9	1,028	1,602	-35.8
3 Months	31,430	32,374	-2.9	2,343	2,705	-13.4	4,440	4,949	-10.3
April	5,794	8,768	-33.9	566	630	-10.2	1,092	1,146	-4.7
May		10,370			611			1,005	
June		12,715			831			1,364	
6 Months		64,227			4,777			8,464	
July		8,447			473			1,034	
August		14,002			872			1,355	
September		18,836			1,317			1,792	
9 Months		105,512			7,439			12,645	
October		16,232			1,091			1,742	
November		17,304			1,051			2,281	
December		14,037			1,374			1,961	
YEAR-END		153,085			10,955			18,629	

7/21/88

A5100-1

STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

STATISTICS FOR THE MONTH OF MAY 1988

A summary of shipments statistics compiled by GAMA from reports by its members. Unless otherwise noted, figures represent total industry factory unit shipments.

Page		
	WATER HEATERS	
2		Residential
3		Commercial
	RESIDENTIAL HEATING EQUIPMENT	
4		Central Furnaces
5		Boilers
6		Wall Furnaces
7		Room Heaters
8		Floor Furnaces
	EQUIPMENT FOR RECREATIONAL VEHICLES	
8		Gas Heating Equipment
9	**GAS UNIT HEATERS and DUCT FURNACES**	

Issued: July 15, 1988

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**
January	354,840	345,808	+2.6	282,499	286,966	-1.6	637,339	632,774	+0.7
February	320,350	340,019	-5.8	261,891	278,289	-5.9	582,241	618,308	-5.8
March	334,094	351,914	-5.1	283,191	301,311	-6.0	617,285	653,225	-5.5
3 Months	1,009,284	1,037,741	-2.7	827,581	866,566	-4.5	1,836,865	1,904,307	-3.5
April	329,060	353,152	-6.8	266,628	311,318	-14.4	595,688	664,470	-10.4
May	316,767	290,477	+9.1	273,281	263,610	+3.7	590,048	554,087	+6.5
June		330,285			299,894			630,179	
6 Months		2,011,655			1,741,388			3,753,043	
July		297,199			276,164			573,363	
August		289,836			270,759			560,595	
September		311,719			269,658			581,377	
9 Months		2,910,409			2,557,969			5,468,378	
October		360,606			294,422			655,028	
November		310,355			257,772			568,127	
December		369,314			286,232			655,546	
YEAR-END		3,950,684			3,396,395			7,347,079	

Figures include shipments to mobile home manufacturers.

COMMERCIAL WATER HEATERS

MONTH	GAS COMMERCIAL WATER HEATERS (a) 1988	1987	%Chg.	ELECTRIC COMMERCIAL WATER HEATERS (a) 1988	1987	%Chg.
January	17,740 (r)	18,981	-6.5	1,335	1,446	-7.7
February	16,229 (r)	18,569	-12.6	1,384	1,535	-9.8
March	16,401	17,798	-7.8	1,595	1,568	+1.7
3 Months	50,370	55,348	-9.0	4,314	4,549	-5.2
April	15,641	18,668	-16.2	1,698	1,685	+0.8
May	16,573	19,102	-13.2	1,505	1,550	-2.9
June		21,199			1,561	
6 Months		114,317			9,345	
July		15,773			1,416	
August		13,019			1,505	
September		13,728			1,536	
9 Months		156,837			13,802	
October		14,200			1,568	
November		21,053			1,415	
December		19,376			1,576	
YEAR-END		211,466			18,361	

(a) Includes integral tank type and copper tube or coil type commercial gas water heaters and gas swimming pool heater.
(r) Revised

CENTRAL HEATING FURNACES

	GAS WARM AIR FURNACES			OIL WARM AIR FURNACES			ELECTRIC WARM AIR FURNACES		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg**
January	157,210	168,355	-6.6	15,095	16,195	-6.8	27,685	31,385	-11.8
February	134,270	152,735	-12.1	12,790	13,510	-5.3	24,050	30,740	-21.8
March	147,965	148,845	-0.6	11,910	11,845	+0.5	24,565	39,010	-37.0
3 Months	439,445	469,935	-6.5	39,795	41,550	-4.2	76,300	101,135	-24.6
April	124,910	137,595	-9.2	7,755	10,870	-28.7	20,885	37,115	-43.7
May	118,490	118,350	+0.1	8,460	8,635	-2.0	29,575	33,435	-11.5
June		139,820			10,540			31,965	
6 Months		865,700			71,595			203,650	
July		156,660			12,380			30,100	
August		203,020			22,840			33,070	
September		234,015			31,830			31,610	
9 Months		1,459,395			138,645			298,430	
October		240,585			25,795			29,100	
November		193,665			24,290			23,835	
December		179,280			17,715			23,690	
YEAR-END		2,072,925			206,445			375,055	

GAS & OIL BOILERS

MONTH	GAS BOILERS 1988	GAS BOILERS 1987	GAS BOILERS %Chg.	OIL BOILERS 1988	OIL BOILERS 1987	OIL BOILERS %Chg.
January	16,694 (r)	12,578	+32.7	11,848 (r)	9,227	+28.4
February	11,102 (r)	12,323	-9.9	6,030 (r)	8,337	-27.7
March	12,017 (r)	11,707	+2.6	9,677 (r)	9,306	+4.0
3 Months	39,813	36,608	+8.8	27,555	26,870	+2.5
April	6,834	8,348	-18.1	6,525	7,002	-6.8
May	9,974	9,733	+2.5	5,719	7,897	-27.6
June		14,380			10,778	
6 Months		69,069			52,547	
July		12,185			9,312	
August		17,942			12,530	
September		21,968			15,535	
9 Months		121,164			89,924	
October		28,402			18,123	
November		22,541			13,765	
December		17,555			12,902	
YEAR-END		189,662			134,714	

(r) Revised

GAS RESIDENTIAL WALL FURNACES

	VENTED WALL FURNACES			DIRECT VENT SYSTEM WALL FURNACES (a)			TOTAL WALL FURNACES		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg**
January	9,280	8,200	+13.2	4,400	5,040	-12.7	13,680	13,240	+3.3
February	4,240	7,750	-45.3	2,360	2,960	-20.3	6,600	10,710	-38.4
March	5,850	7,320	-20.1	4,450	5,430	-18.0	10,300	12,750	-19.2
3 Months	19,370	23,270	-16.8	11,210	13,430	-16.5	30,580	36,700	-16.7
April	4,990	4,790	+4.2	3,690	3,090	+19.4	8,680	7,880	+10.2
May	6,480	5,910	+9.6	5,180	3,120	+66.0	11,660	9,030	+29.1
June		6,890			5,130			12,020	
6 Months		40,860			24,770			65,630	
July		5,560			3,260			8,820	
August		8,410			4,060			12,470	
September		10,320			6,280			16,600	
9 Months		65,150			38,370			103,520	
October		14,040			8,390			22,430	
November		13,230			7,310			20,540	
December		13,320			6,730			20,050	
YEAR-END		105,740			60,800			166,540	

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.

VENTED & UNVENTED ROOM HEATERS

MONTH	VENTED ROOM HEATERS 1988	VENTED ROOM HEATERS 1987	VENTED ROOM HEATERS %Chg.	UNVENTED ROOM HEATERS 1988	UNVENTED ROOM HEATERS 1987	UNVENTED ROOM HEATERS %Chg.
January	3,613	5,964	-39.4	10,321	5,355	+92.7
February	2,173	3,216	-32.4	3,653	8,843	-58.7
March	4,824	5,192	-7.1	6,159	4,845	+27.1
3 Months	10,610	14,372	-26.2	20,133	19,043	+5.7
April	4,534	3,938	+15.1	12,133	5,070	—
May	6,227	5,011	+24.3	17,220	15,643	+10.1
June		7,180			10,867	
6 Months		30,501			50,623	
July		6,778			22,498	
August		10,124			17,888	
September		10,854			19,156	
9 Months		58,257			110,165	
October		16,227			27,423	
November		10,611			25,263	
December		5,469			14,254	
YEAR-END		90,564			177,105	

OTHER HEATING EQUIPMENT

MONTH	GAS RECREATIONAL VEHICLE HEATING SYSTEMS (a)			GAS FLOOR FURNACES		
	1988	1987	%Chg.	1988	1987	%Chg.
January	17,578 (r)	19,463	-9.7	1,217	1,046	+16.3
February	18,998	19,121	-0.6	930	1,226	-24.1
March	24,693	23,991	+2.9	1,178	1,594	-26.1
3 Months	61,269	62,575	-2.1	3,325	3,866	-14.0
April	22,058	22,769	-3.1	1,076	1,283	-16.1
May	21,963	21,594	+1.7	1,592	1,716	-7.2
June		18,863			1,122	
6 Months		125,801			7,987	
July		18,540			1,092	
August		18,723			1,271	
September		19,415			2,424	
9 Months		182,479			12,774	
October		19,725			3,711	
November		16,603			2,032	
December		15,964			1,187	
YEAR-END		234,771			19,704	

(a) Includes Direct Vent Wall & Direct Vent Central Furnaces.
(r) Revised

GAS UNIT HEATERS AND DUCT FURNACES

	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg**
January	13,557	10,199	+32.9	884	885	-0.1	1,638	1,589	+3.1
February	11,221	11,177	+0.4	831	793	+4.8	1,774	1,758	+0.9
March	6,652	10,998	-39.5	628	1,027	-38.9	1,028	1,602	-35.8
3 Months	31,430	32,374	-2.9	2,343	2,705	-13.4	4,440	4,949	-10.3
April	5,794	8,768	-33.9	566	630	-10.2	1,092	1,146	-4.7
May	5,608	10,370	-45.9	696	611	+13.9	1,325	1,005	+31.8
June		12,715			831			1,364	
6 Months		64,227			4,777			8,464	
July		8,447			473			1,034	
August		14,002			872			1,355	
September		18,836			1,317			1,792	
9 Months		105,512			7,439			12,645	
October		16,232			1,091			1,742	
November		17,304			1,051			2,281	
December		14,037			1,374			1,961	
YEAR-END		153,085			10,955			18,629	

45100-1
8/25/88

gama

STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, VA 22209 • 703-525-9565

STATISTICS FOR THE MONTH OF JUNE 1988

A summary of shipments statistics compiled by GAMA from reports by its members. Unless otherwise noted, figures represent total industry factory unit shipments.

Page	
	WATER HEATERS
2	Residential
3	Commercial
	RESIDENTIAL HEATING EQUIPMENT
4	Central Furnaces
5	Boilers
6	Wall Furnaces
7	Room Heaters
8	Floor Furnaces
	EQUIPMENT FOR RECREATIONAL VEHICLES
8	Gas Heating Equipment
9	**GAS UNIT HEATERS and DUCT FURNACES**

Issued: August 23, 1988

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	1988	1987	%Chg.	1988	1987	%Chg.	1988	1987	%Chg.
January	354,840	345,808	+2.6	282,499	286,966	-1.6	637,339	632,774	+0.7
February	320,350	340,019	-5.8	261,891	278,289	-5.9	582,241	618,308	-5.8
March	334,094	351,914	-5.1	283,191	301,311	-6.0	617,285	653,225	-5.5
3 Months	1,009,284	1,037,741	-2.7	827,581	866,566	-4.5	1,836,865	1,904,307	-3.5
April	329,060	353,152	-6.8	266,628	311,318	-14.4	595,688	664,470	-10.4
May	316,767	290,477	+9.1	273,281	263,610	+3.7	590,048	554,087	+6.5
June	332,697	330,285	+0.7	290,034	299,894	-3.3	622,731	630,179	-1.2
6 Months	1,987,808	2,011,655	-1.2	1,657,524	1,741,388	-4.8	3,645,332	3,753,043	-2.9
July		297,199			276,164			573,363	
August		289,836			270,759			560,595	
September		311,719			269,658			581,377	
9 Months		2,910,409			2,557,969			5,468,378	
October		360,606			294,422			655,028	
November		310,355			257,772			568,127	
December		369,314			286,232			655,546	
YEAR-END		3,950,684			3,396,395			7,347,079	

Figures include shipments to mobile home manufacturers.

COMMERCIAL WATER HEATERS

MONTH	GAS COMMERCIAL WATER HEATERS (a)			ELECTRIC COMMERCIAL WATER HEATERS (a)		
	1988	1987	%Chg.	1988	1987	%Chg.
January	17,740 (r)	18,981	-6.5	1,335	1,446	-7.7
February	16,229 (r)	18,569	-12.6	1,384	1,535	-9.8
March	16,401	17,798	-7.8	1,595	1,568	+1.7
3 Months	50,370	55,348	-9.0	4,314	4,549	-5.2
April	15,641	18,668	-16.2	1,698	1,685	+0.8
May	16,573	19,102	-13.2	1,505	1,550	-2.9
June	19,920	21,199	-6.0	1,857	1,561	+19.0
6 Months	102,504	114,317	-10.3	9,374	9,345	+0.3
July		15,773			1,416	
August		13,019			1,505	
September		13,728			1,536	
9 Months		156,837			13,802	
October		14,200			1,568	
November		21,053			1,415	
December		19,376			1,576	
YEAR-END		211,466			18,361	

(a) Includes integral tank type and copper tube or coil type commercial gas water heaters and gas swimming pool heater.
(r) Revised

CENTRAL HEATING FURNACES

MONTH	GAS WARM AIR FURNACES 1988	1987	%Chg.	OIL WARM AIR FURNACES 1988	1987	%Chg.	ELECTRIC WARM AIR FURNACES 1988	1987	%Chg
January	157,210	168,355	-6.6	15,095	16,195	-6.8	27,685	31,385	-11.8
February	134,270	152,735	-12.1	12,790	13,510	-5.3	24,050	30,740	-21.8
March	147,965	148,845	-0.6	11,910	11,845	+0.5	24,565	39,010	-37.0
3 Months	439,445	469,935	-6.5	39,795	41,550	-4.2	76,300	101,135	-24.6
April	124,910	137,595	-9.2	7,755	10,870	-28.7	20,885	37,115	-43.7
May	118,490	118,350	+0.1	8,460	8,635	-2.0	29,575	33,435	-11.5
June	138,545	139,820	-0.9	10,640	10,540	+0.9	30,890	31,965	-3.4
6 Months	821,390	865,700	-5.1	66,650	71,595	-6.9	157,650	203,650	-22.6
July		156,660			12,380			30,100	
August		203,020			22,840			33,070	
September		234,015			31,830			31,610	
9 Months		1,459,395			138,645			298,430	
October		240,585			25,795			29,100	
November		193,665			24,290			23,835	
December		179,280			17,715			23,690	
YEAR-END		2,072,925			206,445			375,055	

GAS & OIL BOILERS

MONTH	GAS BOILERS 1988	GAS BOILERS 1987	GAS BOILERS %Chg.	OIL BOILERS 1988	OIL BOILERS 1987	OIL BOILERS %Chg.
January	16,694 (r)	12,578	+32.7	11,848 (r)	9,227	+28.4
February	11,102 (r)	12,323	-9.9	6,030 (r)	8,337	-27.7
March	12,017 (r)	11,707	+2.6	9,677 (r)	9,306	+4.0
3 Months	39,813	36,608	+8.8	27,555	26,870	+2.5
April	6,834	8,348	-18.1	6,525	7,002	-6.8
May	9,974	9,733	+2.5	6,728 (r)	7,897	-14.8
June	15,140	14,380	+5.3	11,472	10,778	+6.4
6 Months	71,761	69,069	+3.9	52,280	52,547	-0.5
July		12,185			9,312	
August		17,942			12,530	
September		21,968			15,535	
9 Months		121,164			89,924	
October		28,402			18,123	
November		22,541			13,765	
December		17,555			12,902	
YEAR-END		189,662			134,714	

(r) Revised

GAS RESIDENTIAL WALL FURNACES

MONTH	VENTED WALL FURNACES 1988	VENTED WALL FURNACES 1987	VENTED WALL FURNACES %Chg.	DIRECT VENT SYSTEM WALL FURNACES (a) 1988	DIRECT VENT SYSTEM WALL FURNACES (a) 1987	DIRECT VENT SYSTEM WALL FURNACES (a) %Chg.	TOTAL WALL FURNACES 1988	TOTAL WALL FURNACES 1987	TOTAL WALL FURNACES %Chg
January	9,280	8,200	+13.2	4,400	5,040	-12.7	13,680	13,240	+3.3
February	4,240	7,750	-45.3	2,360	2,960	-20.3	6,600	10,710	-38.4
March	5,850	7,320	-20.1	4,450	5,430	-18.0	10,300	12,750	-19.2
3 Months	19,370	23,270	-16.8	11,210	13,430	-16.5	30,580	36,700	-16.7
April	4,990	4,790	+4.2	3,690	3,090	+19.4	8,680	7,880	+10.2
May	6,480	5,910	+9.6	5,180	3,120	+66.0	11,660	9,030	+29.1
June	8,540	6,890	+23.9	5,830	5,130	+13.6	14,370	12,020	+19.6
6 Months	39,380	40,860	-3.6	25,910	24,770	+4.6	65,290	65,630	-0.5
July		5,560			3,260			8,820	
August		8,410			4,060			12,470	
September		10,320			6,280			16,600	
9 Months		65,150			38,370			103,520	
October		14,040			8,390			22,430	
November		13,230			7,310			20,540	
December		13,320			6,730			20,050	
YEAR-END		105,740			60,800			166,540	

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.

VENTED & UNVENTED ROOM HEATERS

MONTH	VENTED ROOM HEATERS 1988	1987	%Chg.	UNVENTED ROOM HEATERS 1988	1987	%Chg.
January	3,613	5,964	-39.4	10,321	5,355	+92.7
February	2,173	3,216	-32.4	3,653	8,843	-58.7
March	4,824	5,192	-7.1	6,159	4,845	+27.1
3 Months	10,610	14,372	-26.2	20,133	19,043	+5.7
April	4,534	3,938	+15.1	12,133	5,070	—
May	6,227	5,011	+24.3	17,220	15,643	+10.1
June	9,757	7,180	+35.9	21,356	10,867	+96.5
6 Months	31,128	30,501	+2.1	70,842	50,623	+39.9
July		6,778			22,498	
August		10,124			17,888	
September		10,854			19,156	
9 Months		58,257			110,165	
October		16,227			27,423	
November		10,611			25,263	
December		5,469			14,254	
YEAR-END		90,564			177,105	

OTHER HEATING EQUIPMENT

MONTH	GAS RECREATIONAL VEHICLE HEATING SYSTEMS (a)			GAS FLOOR FURNACES		
	1988	1987	%Chg.	1988	1987	%Chg.
January	17,578 (r)	19,463	-9.7	1,217	1,046	+16.3
February	18,998	19,121	-0.6	930	1,226	-24.1
March	24,693	23,991	+2.9	1,178	1,594	-26.1
3 Months	61,269	62,575	-2.1	3,325	3,866	-14.0
April	22,058	22,769	-3.1	1,076	1,283	-16.1
May	21,963	21,594	+1.7	1,592	1,716	-7.2
June	21,133	18,863	+12.0	2,092	1,122	+86.5
6 Months	126,423	125,801	+0.5	8,085	7,987	+1.2
July		18,540			1,092	
August		18,723			1,271	
September		19,415			2,424	
9 Months		182,479			12,774	
October		19,725			3,711	
November		16,603			2,032	
December		15,964			1,187	
YEAR-END		234,771			19,704	

(a) Includes Direct Vent Wall & Direct Vent Central Furnaces.
(r) Revised

GAS UNIT HEATERS AND DUCT FURNACES

MONTH	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
	1988	1987	%Chg.	1988	1987	%Chg.	1988	1987	%Chg
January	13,557	10,199	+32.9	884	885	-0.1	1,638	1,589	+3.1
February	11,221	11,177	+0.4	831	793	+4.8	1,774	1,758	+0.9
March	6,652	10,998	-39.5	628	1,027	-38.9	1,028	1,602	-35.8
3 Months	31,430	32,374	-2.9	2,343	2,705	-13.4	4,440	4,949	-10.3
April	5,794	8,768	-33.9	566	630	-10.2	1,092	1,146	-4.7
May	5,608	10,370	-45.9	696	611	+13.9	1,325	1,005	+31.8
June	11,844	12,715	-6.9	573	831	-31.0	982	1,364	-28.0
6 Months	54,676	64,227	-14.9	4,178	4,777	-12.5	7,839	8,464	-7.4
July		8,447			473			1,034	
August		14,002			872			1,355	
September		18,836			1,317			1,792	
9 Months		105,512			7,439			12,645	
October		16,232			1,091			1,742	
November		17,304			1,051			2,281	
December		14,037			1,374			1,961	
YEAR-END		153,085			10,955			18,629	

A-5100-1
9/27/88

STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.

STATISTICS FOR THE MONTH OF JULY 1988

A summary of shipments statistics compiled by GAMA from reports by its members. Unless otherwise noted, figures represent total industry factory unit shipments.

Page		
		WATER HEATERS
2		Residential
3		Commercial
		RESIDENTIAL HEATING EQUIPMENT
4		Central Furnaces
5		Boilers
6		Wall Furnaces
7		Room Heaters
8		Floor Furnaces
		EQUIPMENT FOR RECREATIONAL VEHICLES
8		Gas Heating Equipment
9		**GAS UNIT HEATERS and DUCT FURNACES**

Issued: September 16, 1988

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	1988	1987	%Chg.	1988	1987	%Chg.	1988	1987	%Chg.
January	354,840	345,808	+2.6	282,499	286,966	-1.6	637,339	632,774	+0.7
February	320,350	340,019	-5.8	261,891	278,289	-5.9	582,241	618,308	-5.8
March	334,094	351,914	-5.1	283,191	301,311	-6.0	617,285	653,225	-5.5
3 Months	1,009,284	1,037,741	-2.7	827,581	866,566	-4.5	1,836,865	1,904,307	-3.5
April	329,060	353,152	-6.8	266,628	311,318	-14.4	595,688	664,470	-10.4
May	316,767	290,477	+9.1	273,281	263,610	+3.7	590,048	554,087	+6.5
June	332,697	330,285	+0.7	290,034	299,894	-3.3	622,731	630,179	-1.2
6 Months	1,987,808	2,011,655	-1.2	1,657,524	1,741,388	-4.8	3,645,332	3,753,043	-2.9
July	286,758	297,199	-3.5	256,561	276,164	-7.1	543,319	573,363	-5.2
August		289,836			270,759			560,595	
September		311,719			269,658			581,377	
9 Months		2,910,409			2,557,969			5,468,378	
October		360,606			294,422			655,028	
November		310,355			257,772			568,127	
December		369,314			286,232			655,546	
YEAR-END		3,950,684			3,396,395			7,347,079	

Figures include shipments to mobile home manufacturers.

COMMERCIAL WATER HEATERS

MONTH	GAS COMMERCIAL WATER HEATERS (a) 1988	1987	%Chg.	ELECTRIC COMMERCIAL WATER HEATERS (a) 1988	1987	%Chg.
January	17,740 (r)	18,981	-6.5	1,335	1,446	-7.7
February	16,229 (r)	18,569	12.6	1,384	1,535	-9.8
March	16,401	17,798	-7.8	1,595	1,568	+1.7
3 Months	50,370	55,348	-9.0	4,314	4,549	-5.2
April	15,641	18,668	16.2	1,698	1,685	+0.8
May	16,573	19,102	13.2	1,505	1,550	-2.9
June	19,920	21,199	-6.0	1,857	1,561	+19.0
6 Months	102,504	114,317	-10.3	9,374	9,345	+0.3
July	13,500	15,773	14.4	1,296	1,416	-8.5
August		13,019			1,505	
September		13,728			1,536	
9 Months		156,837			13,802	
October		14,200			1,568	
November		21,053			1,415	
December		19,376			1,576	
YEAR-END		211,466			18,361	

(a) Includes integral tank type and copper tube or coil type commercial gas water heaters and gas swimming pool heater.
(r) Revised

CENTRAL HEATING FURNACES

	GAS WARM AIR FURNACES			OIL WARM AIR FURNACES			ELECTRIC WARM AIR FURNACES		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg**
January	157,210	168,355	-6.6	15,095	16,195	-6.8	27,685	31,385	-11.8
February	134,270	152,735	-12.1	12,790	13,510	-5.3	24,050	30,740	-21.8
March	147,965	148,845	-0.6	11,910	11,845	+0.5	24,565	39,010	-37.0
3 Months	439,445	469,935	-6.5	39,795	41,550	-4.2	76,300	101,135	-24.6
April	124,910	137,595	-9.2	7,755	10,870	-28.7	20,885	37,115	-43.7
May	118,490	118,350	+0.1	8,460	8,635	-2.0	29,575	33,435	-11.5
June	138,545	139,820	-0.9	10,640	10,540	+0.9	30,890	31,965	-3.4
6 Months	821,390	865,700	-5.1	66,650	71,595	-6.9	157,650	203,650	-22.6
July	163,550	156,660	+4.4	14,890	12,380	+20.3	27,150	30,100	-9.8
August		203,020			22,840			33,070	
September		234,015			31,830			31,610	
9 Months		1,459,395			138,645			298,430	
October		240,585			25,795			29,100	
November		193,665			24,290			23,835	
December		179,280			17,715			23,690	
YEAR-END		2,072,925			206,445			375,055	

GAS & OIL BOILERS

MONTH	GAS BOILERS			OIL BOILERS		
	1988	1987	%Chg.	1988	1987	%Chg.
January	16,694 (r)	12,578	+32.7	11,848 (r)	9,227	+28.4
February	11,102 (r)	12,323	-9.9	6,030 (r)	8,337	-27.7
March	12,017 (r)	11,707	+2.6	9,677 (r)	9,306	+4.0
3 Months	39,813	36,608	+8.8	27,555	26,870	+2.5
April	6,834	8,348	-18.1	6,525	7,002	-6.8
May	9,974	9,733	+2.5	6,728 (r)	7,897	-14.8
June	15,140	14,380	+5.3	11,472	10,778	+6.4
6 Months	71,761	69,069	+3.9	52,280	52,547	-0.5
July	14,010	12,185	+15.0	9,597	9,312	+3.1
August		17,942			12,530	
September		21,968			15,535	
9 Months		121,164			89,924	
October		28,402			18,123	
November		22,541			13,765	
December		17,555			12,902	
YEAR-END		189,662			134,714	

(r) Revised

GAS RESIDENTIAL WALL FURNACES

MONTH	VENTED WALL FURNACES 1988	VENTED WALL FURNACES 1987	VENTED WALL FURNACES %Chg.	DIRECT VENT SYSTEM WALL FURNACES (a) 1988	DIRECT VENT SYSTEM WALL FURNACES (a) 1987	DIRECT VENT SYSTEM WALL FURNACES (a) %Chg.	TOTAL WALL FURNACES 1988	TOTAL WALL FURNACES 1987	TOTAL WALL FURNACES %Chg
January	9,280	8,200	+13.2	4,400	5,040	-12.7	13,680	13,240	+3.3
February	4,240	7,750	-45.3	2,360	2,960	-20.3	6,600	10,710	-38.4
March	5,850	7,320	-20.1	4,450	5,430	-18.0	10,300	12,750	-19.2
3 Months	19,370	23,270	-16.8	11,210	13,430	-16.5	30,580	36,700	-16.7
April	4,990	4,790	+4.2	3,690	3,090	+19.4	8,680	7,880	+10.2
May	6,480	5,910	+9.6	5,180	3,120	+66.0	11,660	9,030	+29.1
June	8,540	6,890	+23.9	5,830	5,130	+13.6	14,370	12,020	+19.6
6 Months	39,380	40,860	-3.6	25,910	24,770	+4.6	65,290	65,630	-0.5
July	5,770	5,560	+3.8	5,720	3,260	+75.5	11,490	8,820	+30.3
August		8,410			4,060			12,470	
September		10,320			6,280			16,600	
9 Months		65,150			38,370			103,520	
October		14,040			8,390			22,430	
November		13,230			7,310			20,540	
December		13,320			6,730			20,050	
YEAR-END		105,740			60,800			166,540	

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.

VENTED & UNVENTED ROOM HEATERS

MONTH	VENTED ROOM HEATERS			UNVENTED ROOM HEATERS		
	1988	1987	%Chg.	1988	1987	%Chg.
January	3,613	5,964	-39.4	10,321	5,355	+92.7
February	2,173	3,216	-32.4	3,653	8,843	-58.7
March	4,824	5,192	-7.1	6,159	4,845	+27.1
3 Months	10,610	14,372	-26.2	20,133	19,043	+5.7
April	4,534	3,938	+15.1	12,133	5,070	—
May	6,227	5,011	+24.3	17,220	15,643	+10.1
June	9,757	7,180	+35.9	21,356	10,867	+96.5
6 Months	31,128	30,501	+2.1	70,842	50,623	+39.9
July	7,654	6,778	+12.9	16,271	22,498	-27.7
August		10,124			17,888	
September		10,854			19,156	
9 Months		58,257			110,165	
October		16,227			27,423	
November		10,611			25,263	
December		5,469			14,254	
YEAR-END		90,564			177,105	

OTHER HEATING EQUIPMENT

MONTH	GAS RECREATIONAL VEHICLE HEATING SYSTEMS (a)			GAS FLOOR FURNACES		
	1988	1987	%Chg.	1988	1987	%Chg.
January	17,578 (r)	19,463	-9.7	1,217	1,046	+16.3
February	18,998	19,121	-0.6	930	1,226	-24.1
March	24,693	23,991	+2.9	1,178	1,594	-26.1
3 Months	61,269	62,575	-2.1	3,325	3,866	-14.0
April	22,058	22,769	-3.1	1,076	1,283	-16.1
May	21,963	21,594	+1.7	1,592	1,716	-7.2
June	21,133	18,863	+12.0	2,092	1,122	+86.5
6 Months	126,423	125,801	+0.5	8,085	7,987	+1.2
July	18,602	18,540	+0.3	1,015	1,092	-7.1
August		18,723			1,271	
September		19,415			2,424	
9 Months		182,479			12,774	
October		19,725			3,711	
November		16,603			2,032	
December		15,964			1,187	
YEAR-END		234,771			19,704	

(a) Includes Direct Vent Wall & Direct Vent Central Furnaces.
(r) Revised

GAS UNIT HEATERS AND DUCT FURNACES

MONTH	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
	1988	1987	%Chg.	1988	1987	%Chg.	1988	1987	%Chg
January	13,557	10,199	+32.9	884	885	-0.1	1,638	1,589	+3.1
February	11,221	11,177	+0.4	831	793	+4.8	1,774	1,758	+0.9
March	6,652	10,998	-39.5	628	1,027	-38.9	1,028	1,602	-35.8
3 Months	31,430	32,374	-2.9	2,343	2,705	-13.4	4,440	4,949	-10.3
April	5,794	8,768	-33.9	566	630	-10.2	1,092	1,146	-4.7
May	5,608	10,370	-45.9	696	611	+13.9	1,325	1,005	+31.8
June	11,844	12,715	-6.9	573	831	-31.0	982	1,364	-28.0
6 Months	54,676	64,227	-14.9	4,178	4,777	-12.5	7,839	8,464	-7.4
July	10,289	8,447	+21.8	581	473	+22.8	631	1,034	-39.0
August		14,002			872			1,355	
September		18,836			1,317			1,792	
9 Months		105,512			7,439			12,645	
October		16,232			1,091			1,742	
November		17,304			1,051			2,281	
December		14,037			1,374			1,961	
YEAR-END		153,085			10,955			18,629	

A5100-1
10/13/88

gama

STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.

STATISTICS FOR THE MONTH OF AUGUST 1988

A summary of shipments statistics compiled by GAMA from reports by its members. Unless otherwise noted, figures represent total industry factory unit shipments.

Page		
		WATER HEATERS
2		Residential
3		Commercial
		RESIDENTIAL HEATING EQUIPMENT
4		Central Furnaces
5		Boilers
6		Wall Furnaces
7		Room Heaters
8		Floor Furnaces
		EQUIPMENT FOR RECREATIONAL VEHICLES
8		Gas Heating Equipment
9		GAS UNIT HEATERS and DUCT FURNACES

Issued: October 6, 1988

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**	**1988**	**1987**	**%Chg.**
January	354,840	345,808	+2.6	282,499	286,966	-1.6	637,339	632,774	+0.7
February	320,350	340,019	-5.8	261,891	278,289	-5.9	582,241	618,308	-5.8
March	334,094	351,914	-5.1	283,191	301,311	-6.0	617,285	653,225	-5.5
3 Months	1,009,284	1,037,741	-2.7	827,581	866,566	-4.5	1,836,865	1,904,307	-3.5
April	329,060	353,152	-6.8	266,628	311,318	-14.4	595,688	664,470	-10.4
May	316,767	290,477	+9.1	273,281	263,610	+3.7	590,048	554,087	+6.5
June	332,697	330,285	+0.7	290,034	299,894	-3.3	622,731	630,179	-1.2
6 Months	1,987,808	2,011,655	-1.2	1,657,524	1,741,388	-4.8	3,645,332	3,753,043	-2.9
July	286,758	297,199	-3.5	256,561	276,164	-7.1	543,319	573,363	-5.2
August	289,580	289,836	-0.1	272,941	270,759	+0.8	562,521	560,595	+0.3
September		311,719			269,658			581,377	
9 Months		2,910,409			2,557,969			5,468,378	
October		360,606			294,422			655,028	
November		310,355			257,772			568,127	
December		369,314			286,232			655,546	
YEAR-END		3,950,684			3,396,395			7,347,079	

Figures include shipments to mobile home manufacturers.

COMMERCIAL WATER HEATERS

MONTH	GAS COMMERCIAL WATER HEATERS (a)			ELECTRIC COMMERCIAL WATER HEATERS (a)		
	1988	1987	%Chg.	1988	1987	%Chg.
January	17,740 (r)	18,981	-6.5	1,335	1,446	-7.7
February	16,229 (r)	18,569	-12.6	1,384	1,535	-9.8
March	16,401	17,798	-7.8	1,595	1,568	+1.7
3 Months	50,370	55,348	-9.0	4,314	4,549	-5.2
April	15,641	18,668	-16.2	1,698	1,685	+0.8
May	16,573	19,102	-13.2	1,505	1,550	-2.9
June	19,920	21,199	6.0	1,857	1,561	+19.0
6 Months	102,504	114,317	-10.3	9,374	9,345	+0.3
July	13,500	15,773	-14.4	1,296	1,416	-8.5
August	7,872 (b)	13,019		1,674	1,505	+11.2
September		13,728			1,536	
9 Months		156,837			13,802	
October		14,200			1,568	
November		21,053			1,415	
December		19,376			1,576	
YEAR-END		211,466			18,361	

(a) Includes integral tank type and copper tube or coil type commercial gas water heaters and gas swimming pool heater.
(b)Excludes gas swimming pool heaters.
(r) Revised

CENTRAL HEATING FURNACES

MONTH	GAS WARM AIR FURNACES			OIL WARM AIR FURNACES			ELECTRIC WARM AIR FURNACES		
	1988	1987	%Chg.	1988	1987	%Chg.	1988	1987	%Chg
January	157,210	168,355	-6.6	15,095	16,195	-6.8	27,685	31,385	-11.8
February	134,270	152,735	-12.1	12,790	13,510	-5.3	24,050	30,740	-21.8
March	147,965	148,845	-0.6	11,910	11,845	+0.5	24,565	39,010	-37.0
3 Months	439,445	469,935	-6.5	39,795	41,550	-4.2	76,300	101,135	-24.6
April	124,910	137,595	-9.2	7,755	10,870	-28.7	20,885	37,115	-43.7
May	118,490	118,350	+0.1	8,460	8,635	-2.0	29,575	33,435	-11.5
June	138,545	139,820	-0.9	10,640	10,540	+0.9	30,890	31,965	-3.4
6 Months	821,390	865,700	-5.1	66,650	71,595	-6.9	157,650	203,650	-22.6
July	163,550	156,660	+4.4	14,890	12,380	+20.3	27,150	30,100	-9.8
August	200,730	203,020	-1.1	22,565	22,840	-1.2	23,945	33,070	-27.6
September		234,015			31,830			31,610	
9 Months		1,459,395			138,645			298,430	
October		240,585			25,795			29,100	
November		193,665			24,290			23,835	
December		179,280			17,715			23,690	
YEAR-END		2,072,925			206,445			375,055	

GAS & OIL BOILERS

MONTH	GAS BOILERS 1988	GAS BOILERS 1987	GAS BOILERS %Chg.	OIL BOILERS 1988	OIL BOILERS 1987	OIL BOILERS %Chg.
January	16,694 (r)	12,578	+32.7	11,848 (r)	9,227	+28.4
February	11,102 (r)	12,323	-9.9	6,030 (r)	8,337	-27.7
March	12,017 (r)	11,707	+2.6	9,677 (r)	9,306	+4.0
3 Months	39,813	36,608	+8.8	27,555	26,870	+2.5
April	6,834	8,348	-18.1	6,525	7,002	-6.8
May	9,974	9,733	+2.5	6,728 (r)	7,897	-14.8
June	15,140	14,380	+5.3	11,472	10,778	+6.4
6 Months	71,761	69,069	+3.9	52,280	52,547	-0.5
July	14,010	12,185	+15.0	9,597	9,312	+3.1
August	20,347	17,942	+13.4	14,575	12,530	+16.3
September		21,968			15,535	
9 Months		121,164			89,924	
October		28,402			18,123	
November		22,541			13,765	
December		17,555			12,902	
YEAR-END		189,662			134,714	

(r) Revised

GAS RESIDENTIAL WALL FURNACES

MONTH	VENTED WALL FURNACES			DIRECT VENT SYSTEM WALL FURNACES (a)			TOTAL WALL FURNACES		
	1988	1987	%Chg.	1988	1987	%Chg.	1988	1987	%Chg
January	9,280	8,200	+13.2	4,400	5,040	-12.7	13,680	13,240	+3.3
February	4,240	7,750	-45.3	2,360	2,960	-20.3	6,600	10,710	-38.4
March	5,850	7,320	-20.1	4,450	5,430	-18.0	10,300	12,750	-19.2
3 Months	19,370	23,270	-16.8	11,210	13,430	-16.5	30,580	36,700	-16.7
April	4,990	4,790	+4.2	3,690	3,090	+19.4	8,680	7,880	+10.2
May	6,480	5,910	+9.6	5,180	3,120	+66.0	11,660	9,030	+29.1
June	8,540	6,890	+23.9	5,830	5,130	+13.6	14,370	12,020	+19.6
6 Months	39,380	40,860	-3.6	25,910	24,770	+4.6	65,290	65,630	-0.5
July	5,770	5,560	+3.8	5,720	3,260	+75.5	11,490	8,820	+30.3
August	8,880	8,410	+5.6	4,610	4,060	+13.5	13,490	12,470	+8.2
September		10,320			6,280			16,600	-
9 Months		65,150			38,370			103,520	
October		14,040			8,390			22,430	
November		13,230			7,310			20,540	
December		13,320			6,730			20,050	
YEAR-END		105,740			60,800			166,540	

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.

VENTED & UNVENTED ROOM HEATERS

MONTH	VENTED ROOM HEATERS			UNVENTED ROOM HEATERS		
	1988	1987	%Chg.	1988	1987	%Chg.
January	3,613	5,964	-39.4	10,321	5,355	+92.7
February	2,173	3,216	-32.4	3,653	8,843	-58.7
March	4,824	5,192	-7.1	6,159	4,845	+27.1
3 Months	10,610	14,372	-26.2	20,133	19,043	+5.7
April	4,534	3,938	+15.1	12,133	5,070	—
May	6,227	5,011	+24.3	17,220	15,643	+10.1
June	9,757	7,180	+35.9	21,356	10,867	+96.5
6 Months	31,128	30,501	+2.1	70,842	50,623	+39.9
July	7,654	6,778	+12.9	16,271	22,498	-27.7
August	8,618	10,124	-14.9	15,131	17,888	-15.4
September		10,854			19,156	
9 Months		58,257			110,165	
October		16,227			27,423	
November		10,611			25,263	
December		5,469			14,254	
YEAR-END		90,564			177,105	

OTHER HEATING EQUIPMENT

MONTH	GAS RECREATIONAL VEHICLE HEATING SYSTEMS (a)			GAS FLOOR FURNACES		
	1988	1987	%Chg.	1988	1987	%Chg.
January						
February	17,578 (r)	19,463	-9.7	1,217	1,046	+16.3
March	18,998	19,121	-0.6	930	1,226	-24.1
	24,693	23,991	+2.9	1,178	1,594	-26.1
3 Months	61,269	62,575	-2.1	3,325	3,866	-14.0
April						
May	22,058	22,769	-3.1	1,076	1,283	-16.1
June	21,963	21,594	+1.7	1,592	1,716	-7.2
	21,133	18,863	+12.0	2,092	1,122	+86.5
6 Months	126,423	125,801	+0.5	8,085	7,987	+1.2
July						
August	18,602	18,540	+0.3	1,015	1,092	-7.1
September	19,384	18,723	+3.5	1,726	1,271	+35.8
		19,415			2,424	
9 Months		182,479			12,774	
October						
November		19,725			3,711	
December		16,603			2,032	-
		15,964			1,187	
YEAR-END		234,771			19,704	

(a) Includes Direct Vent Wall & Direct Vent Central Furnaces.
(r) Revised

GAS UNIT HEATERS AND DUCT FURNACES

MONTH	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
	1988	1987	%Chg.	1988	1987	%Chg.	1988	1987	%Chg
January	13,557	10,199	+32.9	884	885	-0.1	1,638	1,589	+3.1
February	11,221	11,177	+0.4	831	793	+4.8	1,774	1,758	+0.9
March	6,652	10,998	-39.5	628	1,027	-38.9	1,028	1,602	-35.8
3 Months	31,430	32,374	-2.9	2,343	2,705	-13.4	4,440	4,949	-10.3
April	5,794	8,768	-33.9	566	630	-10.2	1,092	1,146	-4.7
May	5,608	10,370	-45.9	696	611	+13.9	1,325	1,005	+31.8
June	11,844	12,715	-6.9	573	831	-31.0	982	1,364	-28.0
6 Months	54,676	64,227	-14.9	4,178	4,777	-12.5	7,839	8,464	-7.4
July	10,289	8,447	+21.8	581	473	+22.8	631	1,034	-39.0
August	15,834	14,002	+13.1	1,063	872	+21.9	1,306	1,355	-3.6
September		18,836			1,317			1,792	
9 Months		105,512			7,439			12,645	
October		16,232			1,091			1,742	
November		17,304			1,051			2,281	
December		14,037			1,374			1,961	
YEAR-END		153,085			10,955			18,629	